

**HOOD PACKAGING CORPORATION
MADISON, MISSISSIPPI**

**Voluntary Remediation Program
Semiannual Progress Report No. 4
Hood Packaging Corporation Site
Valdosta, Georgia**

**Prepared By:
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October 20, 2018

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ENGINEERING CERTIFICATION

I certify that I am a qualified groundwater scientist who has received a baccalaureate or post-graduate degree in the natural sciences or engineering, and have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by State registration and completion of accredited university courses, that enable me to make sound professional judgements regarding groundwater monitoring and contaminant fate-and-transport. I further certify that this report was prepared by myself or by a subordinate working under my direction.



Henry M. Rollins, P.E.
Georgia Registration No. 14285

10/20/18
Date

1.0 INTRODUCTION

This is the fourth Semiannual Progress Report being submitted under the Voluntary Remediation Program (VRP) on behalf of Hood Packaging Corporation (Hood) for the property known as Tract 2 located in the 900 block of River Street, Valdosta, Lowndes County, Georgia. The purpose of this report is to provide the Georgia Environmental Protection Division (EPD) with information concerning the activities accomplished on the site during the fourth six-month period since the site was approved for participation in the Georgia Voluntary Remediation Program, and to detail activities planned for the next six months.

2.0 BACKGROUND

Hood owns property in the 900 block on both sides of River Street in Valdosta, Georgia. Hood acquired a multi-wall bag manufacturing facility on the site in 1992 and operated the facility until May of 2009. The property consists of three parcels, known as Tracts 1, 2, and 3, all of which were listed on the Georgia Hazardous Site Inventory (HSI) as site 10089. Tracts 1 and 3 have been removed from the HSI by EPD, and Hood has sold Tract 3 to a third party. The site location is shown in Figure 1.

Unknown to Hood at the time of the 1992 acquisition, Tract 2 had been used for the manufacturing of fertilizer from the early 1900's to the 1970's. The site was listed on the HSI because of the presence of metals at levels exceeding the Georgia Hazardous Site Response Act (HSRA) notification thresholds.

Site investigations were conducted over a period of years that delineated the extent of contamination of the metals arsenic, lead, and barium in both soil and groundwater. A

site Compliance Status Report (CSR) was prepared in 1999 and a Corrective Action Plan was submitted in 2006.

In 2010, the EPA and EPD performed a Site Reconnaissance and Pre-CERCLIS Screening Assessment (PSA) of Tract 2. The PSA employed XRF technology, and the results indicated the presence of additional metals, at above HSRA notification levels, at several locations. Hood subsequently took samples at the locations identified in the PSA and subjected them to laboratory analysis. The results of these analyses found only one additional metal, zinc, at the location identified in previous investigations as Large Area 4, at concentrations exceeding the HSRA notification levels. Delineation for zinc at Large Area 4 to default Type 2 Risk Reduction Standards has now been completed.

Hood prepared and submitted a VRP Application and Investigation and Remediation Plan on September 12, 2014. The VRP application resulted in the issuance of Consent Order No. EPD-VRP-013, which, once executed, enrolled the site in the VRP program. This consent order was fully executed on September 20, 2016. Semiannual progress reports are due on April 20 and October 20 of each year.

3.0 ACTIVITIES COMPLETED IN THIS REPORTING PERIOD

3.1 Groundwater Activities

3.1.1 *Monitoring Well Repair*

There were no new wells installed during this reporting period and no existing wells required any maintenance or repair. The location of all

monitoring wells is shown on the drawing in Figure 2. Monitoring well construction details are found in Table 4.

3.1.1 *Groundwater Sampling*

Another round of groundwater sampling was conducted on March 22 and 23, 2018, for the purpose of providing additional data on the groundwater concentrations of arsenic, lead, barium, and zinc, the previously determined constituents of concern. The following wells were sampled: MW-SB-1R, MW-SB-1A, MW-SB-2, MW-SB-2AR, MW-SB-4R, MW-SB-5, MW-SB-6, MW-SB-8, MW-SB-9, MW-SB-9A, MW-SB-12R, MW-SB-13, MW-SB-14, and MW-SB-15. Water levels were measured in the following additional wells: MW-SB-3, MW-SB-7, MW-SB-10, MW-SB-11, and MW-SB-16. Sampling was performed by Joe McVay, P.G. Field notes from the sampling event are found in Appendix A. The results from this sampling event, as well as historic events, are presented in Table 1. The laboratory reports are found in Appendix B. A drawing showing the measured concentrations at each well is found as Figure 7. Groundwater results for the March 2018, sampling were generally within expected ranges based on historical results.

3.1.3 *Groundwater Levels and Equipotentials*

Groundwater elevation measurements were taken from the wells that were monitored during this semiannual period, as well as the remaining wells on Tract 2. These water levels, as well as historic levels, are presented in Table 2. The measured water level in well MW-SB-12R continues to be lower

than expected based on the historic measurements of MW-SB-12, the well it replaced. It would appear that the original well, which was very shallow, was screened in a transient perched water zone that was not present when MW-SB-12R was installed.

A site drawing showing estimated groundwater equipotential lines is found in Figure 3. This drawing shows groundwater flow patterns similar to those in the past with a high point near the center of Tract 2.

3.2 Surface Water Activities

Surface water samples were taken while personnel were on-site to conduct the groundwater monitoring activities. Samples were taken at the five locations previously sampled. These include: where the surface drain flows under the entrance road to the City park, slightly downstream where the drain passes under River Street, and further downstream where the drain passes beneath Magnolia Street, Lankford Drive, and Baytree Road. An upstream sample was taken from the surface drain on March 30, 2018. The sampling locations are shown on Figure 6.

The results from these recent surface water samples as well as historic results are found in Table 3. The laboratory reports are found in Appendix B. The results of the March 23, 2018, surface water sampling showed no significant impact from arsenic, lead, or barium at any location. The surface water samples for zinc at the Park Road Ditch and the River Street locations were higher than previously seen at 301 and 147 $\mu\text{g}/\text{l}$, respectively. The samples a short distance downstream at the Magnolia Street location returned to background. This sampling will be repeated in the next 6-month period.

3.3 Soil Sampling Discussion

During this reporting period, the results of the 75 soil samples taken in March of 2018 were received. The locations of these sample points were distributed in a grid pattern across all of the previously identified areas of known contamination with the exception of the area known as Large Area 4, for which sampling had already been conducted. The locations of these sampling points are shown on Figure 4, and the results of the analyses are shown at each point. A table of the results is found in Table 5. The field notes are found in Appendix C, and the analytical reports are found in Appendix D. Statistical software identified the existence of several potential outliers in the results. For this reason, a second sample was analyzed for these data points and an asterisk indicates the reanalysis result in the figure showing the analytical results.

As can be seen from a review of the drawing that presents the results, the contaminants appear to be somewhat randomly distributed. Most of the sampling locations have results exceeding the Type 3 RRS for one or more constituents, but there is no identifiable pattern or indication of specific source areas.

Also during this reporting period, analyses were conducted on the perimeter grids of the sampling previously conducted at Large Area 4. The prior sampling was conducted for disposal characterization purposes, while the more recent analyses of the perimeter sampling points was done to determine if post-excavation sampling would be able to demonstrate a “clean” perimeter. The results of these analyses can be found in Table 5 and on Figure 8. The analytical results are found in Appendix I. The results indicated it would not be expected that post-excavation sampling at the perimeter would provide results less than the Type 3 RRS.

The net result of these sampling and analysis efforts is that consideration of excavation and off-site disposal as a potential corrective action will be abandoned.

Subsequent to the development of this soil data, additional field work was accomplished to take additional soil samples at locations somewhat removed from the prior sampling activities. This sampling took place during the period 5/15/18 - 5/17/18. Eight additional soil samples were taken at the locations shown on Figure 9. The results of the analyses of these samples are shown on the Figure and in Table 6. These samples generally indicate that the areas of the site further removed from the areas of known contamination have much lower levels of contamination with all of the results being below Type 3 RRS except for the lead result at sample point 2B. The barium result at 2B exceeds the published Type 3 RRS but is below background.

3.4 Additional Soil Testing

During this 6-month period, additional soil testing was performed to aid in evaluation of corrective action alternatives. One test was performed to evaluate how the concentration of the constituents of concern in the soil varied by particle size. It is known that the particle size of soil that adheres to a person's hands is very small and this soil is that which could lead to direct ingestion exposure risk through hand-to-mouth contact. If the concentration of the contaminant in the very small particle size range was lower than the sample as a whole then the site-specific exposure factor could be adjusted to reflect this lower concentration. To evaluate this possibility, an aliquot of several of the samples with the highest concentration were sieved with a 180 micron screen. The fraction passing through the screen was analyzed for the metals of concern. The results found similar

concentrations in the small-sized fraction, so this does not provide a means to hypothesize a lower concentration for the ingestion exposure route.

A large composite sample was prepared from equal aliquots of the 36 samples taken from Large Area 4 and the 75 samples taken from the larger sampling grid. This sample should conservatively represent the overall site-wide area of contamination. Several tests were conducted on aliquots of this sample. Ten individual samples were taken and analyzed for the metals of concern. This was done to provide data for an average concentration of these areas as a whole and also to ensure that the composite sample was adequately mixed, and therefore representative of the area as a whole, when evaluating other tests. The results of the 10 replicate analyses of the area-wide composite are found in Table 7. The analytical results are in Appendix G.

Column leaching tests were conducted on the area-wide composite sample. Initially, these tests were intended to demonstrate the beneficial effects of including a layer of concrete washout in the cap system. The thought was that the very high pH of concrete washout would result in a reduction in the leaching of metals from the underlying soils. However, there was no observable improvement due to the fact that the metals leaching from the soil alone were very low. A follow-up Synthetic Precipitate Leaching Procedure (SPLP) test was conducted on the composite. The lab results of the SPLP testing are found in Appendix G and show that the results were all ND at 0.1 mg/l for the metals of concern.

3.5 Contact with the City of Valdosta

Hood Packaging Corporation representatives met with Mark Barber, the City Manager of the City of Valdosta, Georgia, on May 17, 2018. The Tract 2 site environmental issues and the impact to City property located west of Tract 2 were discussed. The need for the installation of another permanent well on City property, to serve as a Point of Demonstration Well, was discussed as well as the need to place an environmental covenant on the City property restricting the use of groundwater.

The City agreed to these requests and subsequently provided a letter indicating their agreement. A copy of this letter is found in Appendix H.

4.0 **PLANNED ACTIVITIES FOR THE NEXT REPORTING PERIOD**

4.1 Groundwater Activities

The sampling of the 14 groundwater monitoring wells will be repeated during this six-month period. Water levels will also be taken from the other wells present on Tract 2.

The City of Valdosta has granted final permission to install a permanent well on City property in the park to the west of the site to function as the Point of Demonstration Well as defined in OGGA 12-8-102(a)(10). The plans are to install this well in the next 6-month period.

4.2 Surface Water Activities

Surface water sampling will be repeated during the next six-month period at the same six sampling locations for the metals of concern.

4.3 Exposure Area and Area Averaging Approach to Type 4 RRS

In a conference call with EPD personnel on September 27, 2018, the concept of exposure areas and an area averaging approach to exposure concentrations was discussed. One corrective action alternative for the site is to place a cover system over a large portion of Tract 2 to control the direct exposure risk, along with environmental covenants restricting future site use. A cover would be unnecessary if the surface soils met Type 4 RRS. During the conference call, EPD personnel appeared to be receptive to the possibility of pursuing a Type 4 RRS for surface soils based on the development of a site-specific exposure area approach using area averaging techniques for development of expected exposure concentrations, and environmental covenants to eliminate or reduce certain potential exposure routes. Hood intends to submit a proposal for Type 4 RRS in the next 6-month period. A meeting with EPD may be appropriate after initial review is completed.

5.0 **VRP PROJECT MANAGEMENT**

5.1 Professional Oversight

Oversight for this project is being provided by H. Martin Rollins, P.E. (Georgia #14285). A summary of hours committed to this project during the reporting

period is shown in the following table. Significant additional professional time was expended by contract personnel.

H. M. Rollins, P.E. (Georgia #14285)		
	Hours Invoiced	Work Completed
April 2018	75.5	Oversight of the work described in this report.
May 2018	128.7	
June 2018	60.5	
July 2018	6.9	
August 2018	2.2	
September 2018	14.2	

5.2 Project Schedule

All delineation activities are now complete. The final decisions concerning corrective action must be made after review of the Type 4 RRS proposal. The project schedule submitted with the second report is presented in Figure 5. Planned project completion is still within the VRP completion guidance.

6.0 REFERENCES

H. M. Rollins Company, Inc., 1999.

Compliance Status Report. Prepared by H. M. Rollins Company, Inc., Last Revision September, 1999.

H. M. Rollins Company, Inc., 2006.

Corrective Action Plan. Prepared by H. M. Rollins Company, Inc., Last Revision May 1, 2006.

H. M. Rollins Company, Inc., 2014.

Voluntary Remediation Program, Application, Investigation, and Remediation Plan. Prepared by H. M. Rollins Company, Inc., September, 2014.

H. M. Rollins Company, Inc., 2017.

Voluntary Remediation Program, Semiannual Progress Report No. 1. Prepared by H. M. Rollins Company, Inc., April 20, 2017.

H. M. Rollins Company, Inc., 2018.

Voluntary Remediation Program, Semiannual Progress Report No. 2. Prepared by H. M. Rollins Company, Inc., October 20, 2017.

H. M. Rollins Company, Inc., 2018.

Voluntary Remediation Program, Semiannual Progress Report No. 3. Prepared by H. M. Rollins Company, Inc., April 20, 2018.



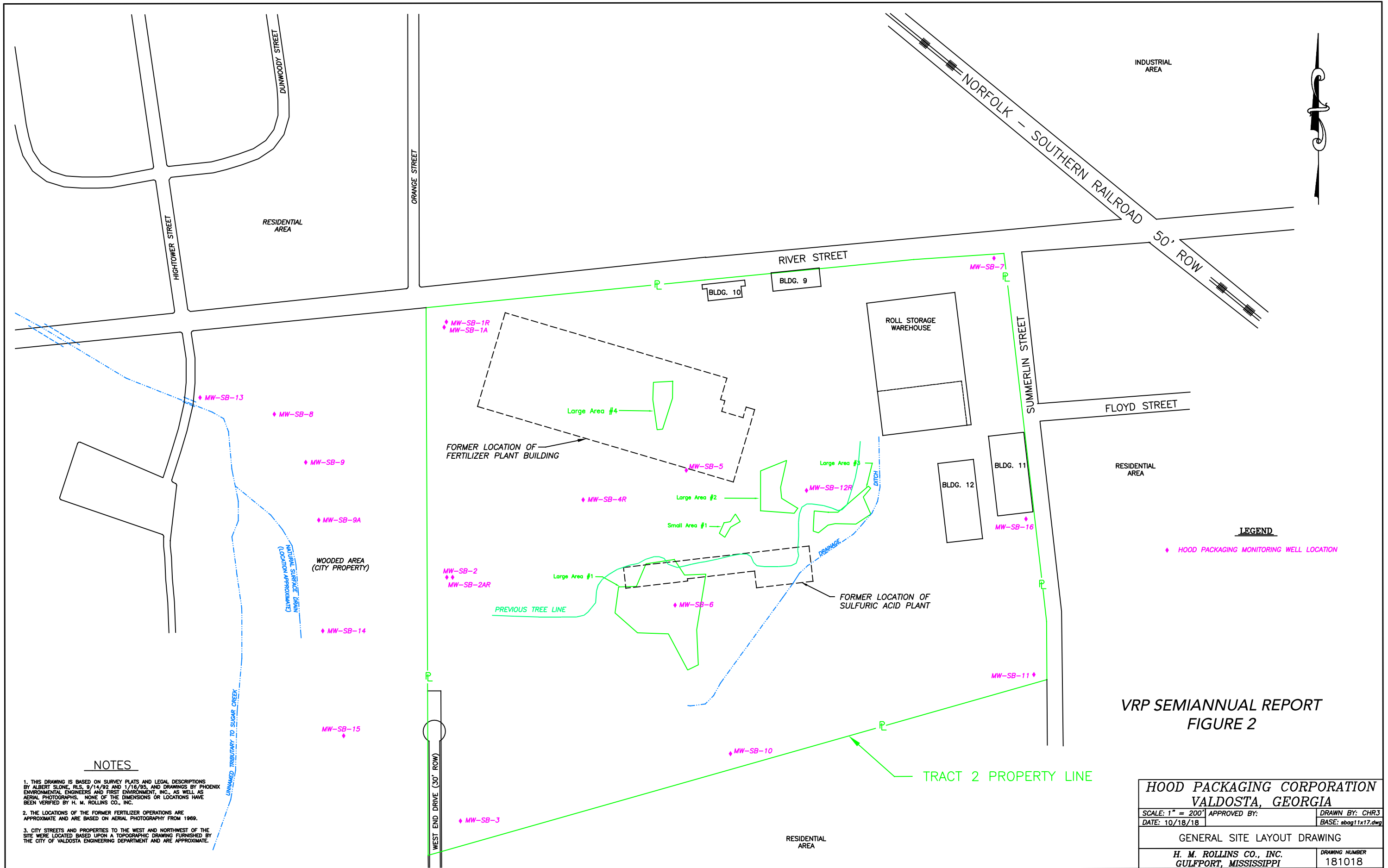
**HOOD PACKAGING CORPORATION
VALDOSTA, GEORGIA**

SITE LOCATION MAP

H.M. ROLLINS CO., INC.
GULFPORT, MISSISSIPPI
DRAWING NUMBER: 170315

U.S.G.S. TOPOGRAPHIC MAP
QUAD: VALDOSTA 7.5 MINUTE SERIES

Figure 1



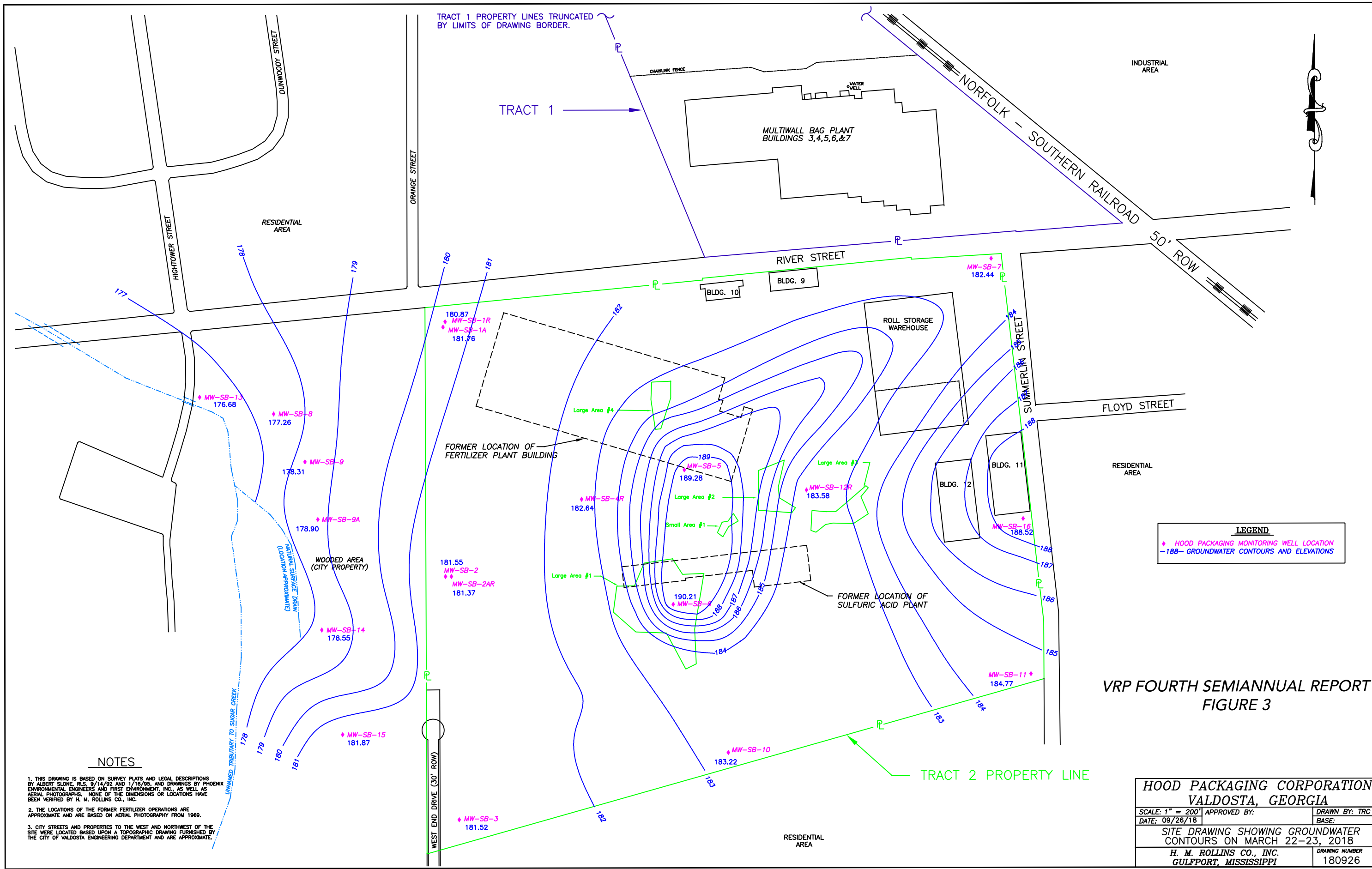
LEGEND
 ◆ HOOD PACKAGING MONITORING WELL LOCATION

VRP SEMIANNUAL REPORT
 FIGURE 2

NOTES

1. THIS DRAWING IS BASED ON SURVEY PLATS AND LEGAL DESCRIPTIONS BY ALBERT SLONE, R.L.S. 9/14/92 AND 1/16/93, AND DRAWINGS BY PHOENIX ENVIRONMENTAL ENGINEERS AND FIRST ENVIRONMENT, INC., AS WELL AS AERIAL PHOTOGRAPHS. NONE OF THE DIMENSIONS OR LOCATIONS HAVE BEEN VERIFIED BY H. M. ROLLINS CO., INC.
2. THE LOCATIONS OF THE FORMER FERTILIZER OPERATIONS ARE APPROXIMATE AND ARE BASED ON AERIAL PHOTOGRAPHY FROM 1989.
3. CITY STREETS AND PROPERTIES TO THE WEST AND NORTHWEST OF THE SITE WERE LOCATED BASED UPON A TOPOGRAPHIC DRAWING FURNISHED BY THE CITY OF VALDOSTA ENGINEERING DEPARTMENT AND ARE APPROXIMATE.

HOOD PACKAGING CORPORATION VALDOSTA, GEORGIA		
SCALE: 1" = 200'	APPROVED BY:	DRAWN BY: CHR3
DATE: 10/18/18		BASE: sbag11x17.dwg
GENERAL SITE LAYOUT DRAWING		
H. M. ROLLINS CO., INC. GULFPORT, MISSISSIPPI		DRAWING NUMBER 181018



TRACT 1 PROPERTY LINES TRUNCATED BY LIMITS OF DRAWING BORDER.

TRACT 1

MULTIWALL BAG PLANT BUILDINGS 3, 4, 5, 6, & 7

NORFOLK - SOUTHERN RAILROAD

INDUSTRIAL AREA

RESIDENTIAL AREA

RIVER STREET

50' ROW

HIGHTOWER STREET

DUNWOODY STREET

ORANGE STREET

BLDG. 10

BLDG. 9

ROLL STORAGE WAREHOUSE

SUMMERLIN STREET

FLOYD STREET

RESIDENTIAL AREA

FORMER LOCATION OF FERTILIZER PLANT BUILDING

FORMER LOCATION OF SULFURIC ACID PLANT

WOODED AREA (CITY PROPERTY)

LEGEND
 ◆ HOOD PACKAGING MONITORING WELL LOCATION
 -188- GROUNDWATER CONTOURS AND ELEVATIONS

VRP FOURTH SEMIANNUAL REPORT
 FIGURE 3

TRACT 2 PROPERTY LINE

NOTES

1. THIS DRAWING IS BASED ON SURVEY PLATS AND LEGAL DESCRIPTIONS BY ALBERT SLOAN, RLS. 9/14/92 AND 1/16/95, AND DRAWINGS BY PHOENIX ENVIRONMENTAL ENGINEERS AND FIRST ENVIRONMENT, INC., AS WELL AS AERIAL PHOTOGRAPHS. NONE OF THE DIMENSIONS OR LOCATIONS HAVE BEEN VERIFIED BY H. M. ROLLINS CO., INC.
2. THE LOCATIONS OF THE FORMER FERTILIZER OPERATIONS ARE APPROXIMATE AND ARE BASED ON AERIAL PHOTOGRAPHY FROM 1969.
3. CITY STREETS AND PROPERTIES TO THE WEST AND NORTHWEST OF THE SITE WERE LOCATED BASED UPON A TOPOGRAPHIC DRAWING FURNISHED BY THE CITY OF VALDOSTA ENGINEERING DEPARTMENT AND ARE APPROXIMATE.

HOOD PACKAGING CORPORATION VALDOSTA, GEORGIA		
SCALE: 1" = 200'	APPROVED BY:	DRAWN BY: TRC
DATE: 09/26/18		BASE:
SITE DRAWING SHOWING GROUNDWATER CONTOURS ON MARCH 22-23, 2018		
H. M. ROLLINS CO., INC. GULFPORT, MISSISSIPPI		DRAWING NUMBER 180926

FORMER LOCATION OF FERTILIZER PLANT BUILDING

Large Area #2

Large Area #3

Small Area #1

Typical Soil Sampling Point

187,500 sf Area

Large Area #1

FORMER LOCATION OF SULFURIC ACID PLANT

LEGEND

SOIL METAL ANALYTES BY COLOR
UNITS IN mg/kg

ARSENIC
BARIUM
LEAD
ZINC

AN (*) WITH THE SAMPLE RESULT INDICATES A RE-ANALYSIS

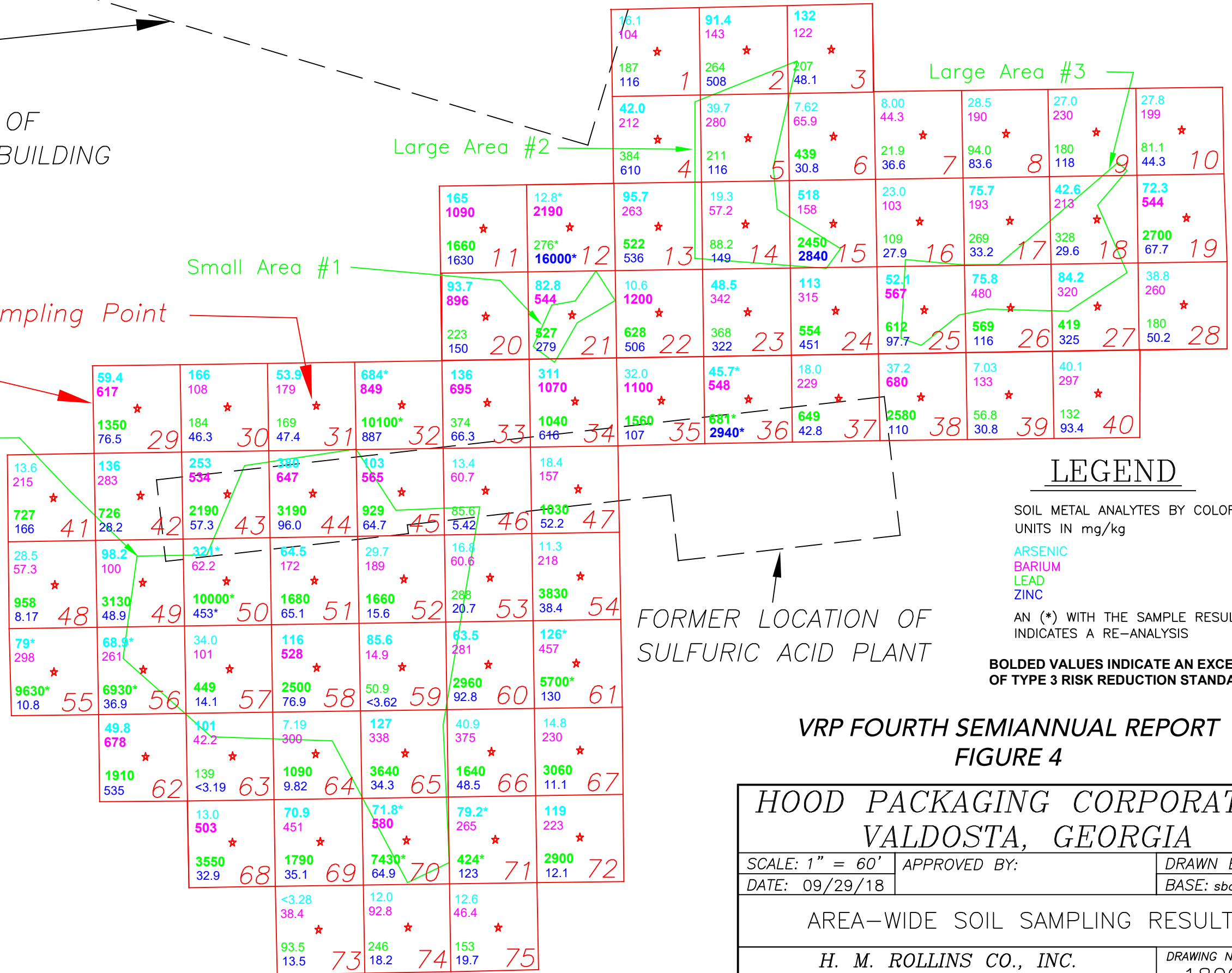
BOLDED VALUES INDICATE AN EXCEEDANCE OF TYPE 3 RISK REDUCTION STANDARDS

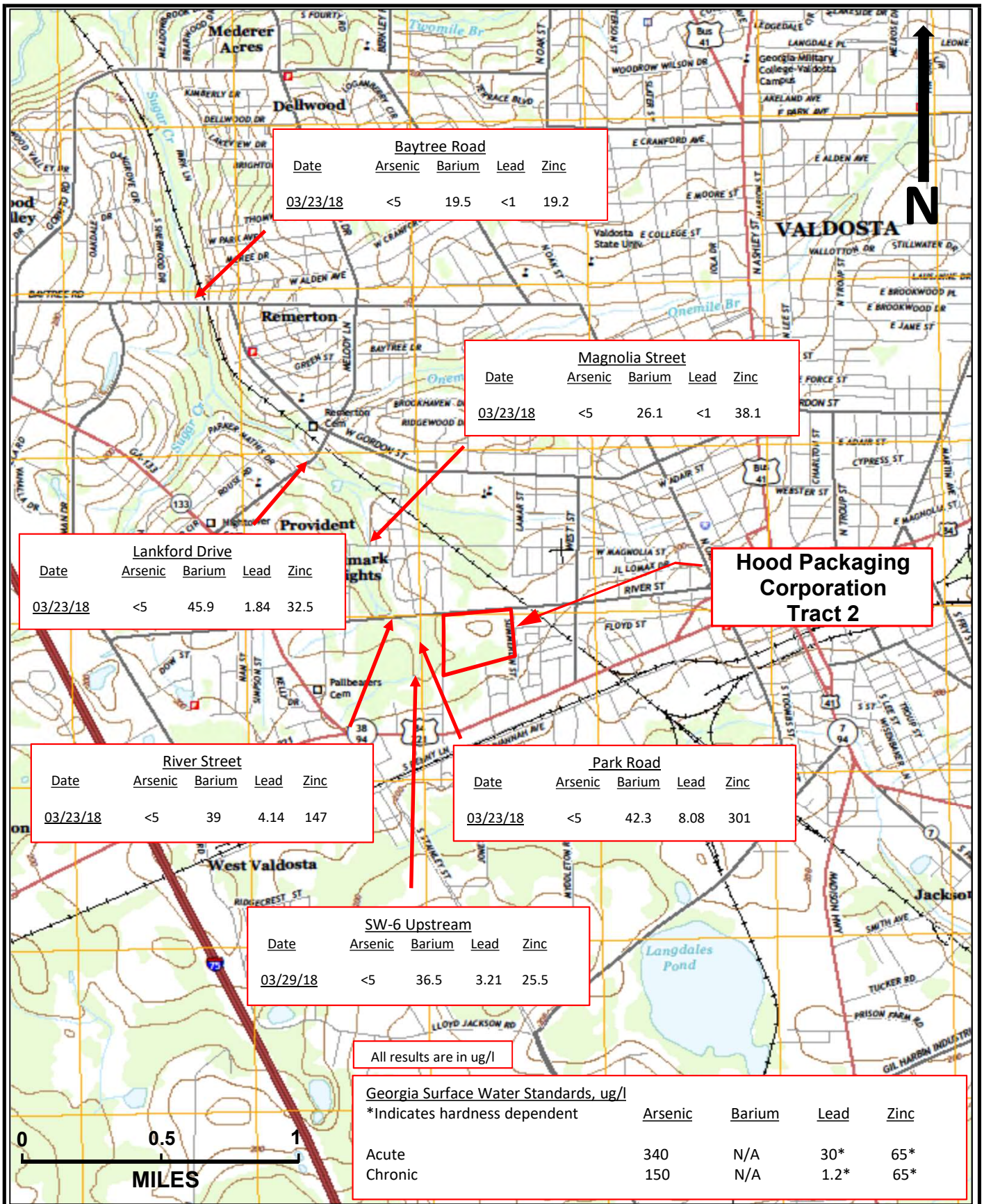
**VRP FOURTH SEMI-ANNUAL REPORT
FIGURE 4**

TYPE 3 RISK REDUCTION STANDARDS

ARSENIC 41 mg/kg
BARIUM 500 mg/kg
LEAD 400 mg/kg
ZINC 2800 mg/kg

HOOD PACKAGING CORPORATION VALDOSTA, GEORGIA		
SCALE: 1" = 60'	APPROVED BY:	DRAWN BY: TRC
DATE: 09/29/18		BASE: sbag11x17.dwg
AREA-WIDE SOIL SAMPLING RESULTS		
H. M. ROLLINS CO., INC. GULFPORT, MISSISSIPPI		DRAWING NUMBER 180929



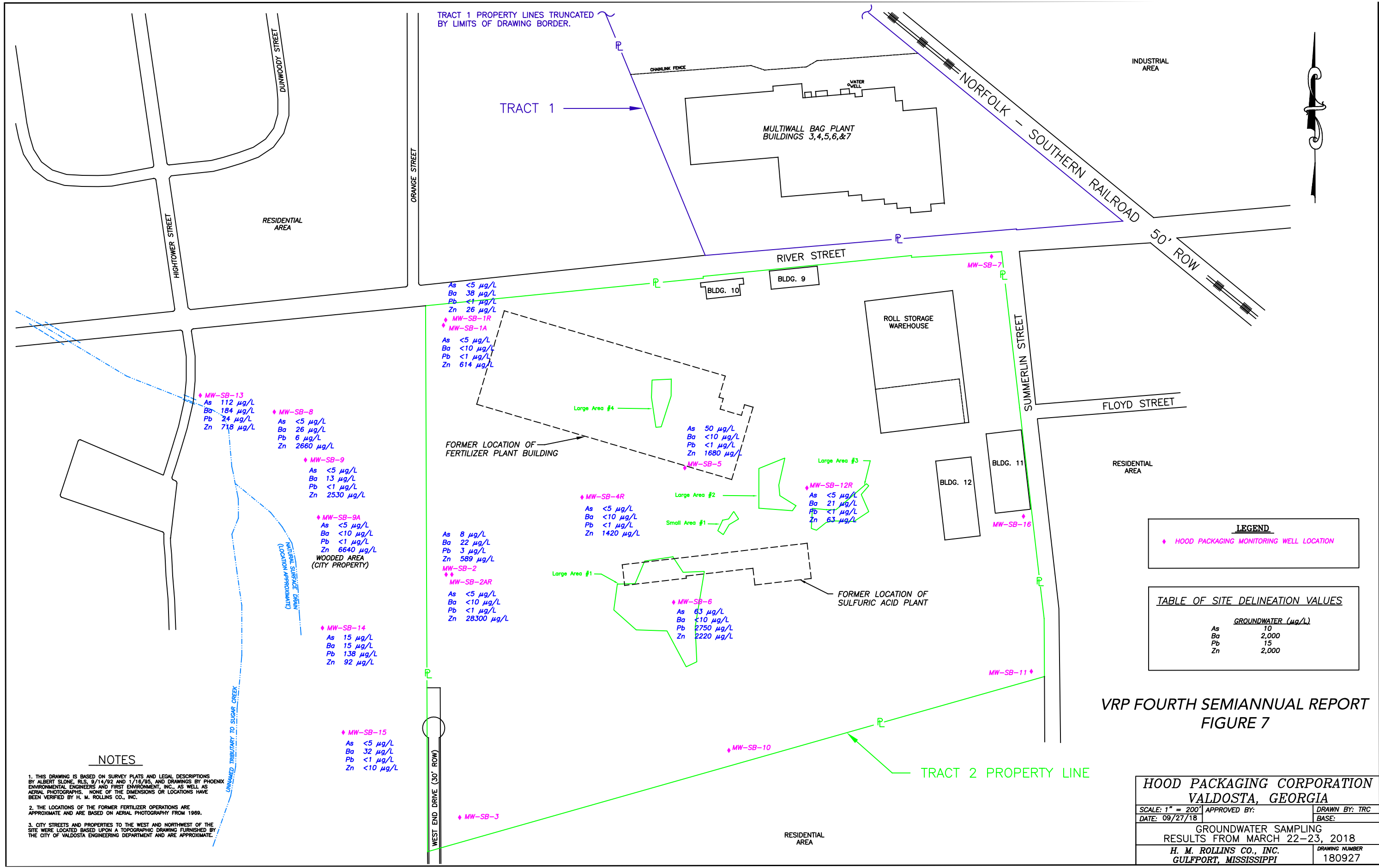


**HOOD PACKAGING CORPORATION
VALDOSTA, GEORGIA**

SITE LOCATION MAP

H.M. ROLLINS CO., INC.
GULFPORT, MISSISSIPPI
DRAWING NUMBER: 180928

U.S.G.S. TOPOGRAPHIC MAP
QUAD: VALDOSTA 7.5 MINUTE SERIES
Figure 6



TRACT 1 PROPERTY LINES TRUNCATED BY LIMITS OF DRAWING BORDER.

TRACT 1

As <5 µg/L
Ba 38 µg/L
Pb <1 µg/L
Zn 26 µg/L
♦ MW-SB-1R
♦ MW-SB-1A
As <5 µg/L
Ba <10 µg/L
Pb <1 µg/L
Zn 614 µg/L

♦ MW-SB-13
As 112 µg/L
Ba 184 µg/L
Pb 24 µg/L
Zn 718 µg/L

♦ MW-SB-8
As <5 µg/L
Ba 26 µg/L
Pb 6 µg/L
Zn 2660 µg/L

♦ MW-SB-9
As <5 µg/L
Ba 13 µg/L
Pb <1 µg/L
Zn 2530 µg/L

♦ MW-SB-9A
As <5 µg/L
Ba <10 µg/L
Pb <1 µg/L
Zn 6640 µg/L
WOODED AREA (CITY PROPERTY)

♦ MW-SB-14
As 15 µg/L
Ba 15 µg/L
Pb 138 µg/L
Zn 92 µg/L

♦ MW-SB-15
As <5 µg/L
Ba 32 µg/L
Pb <1 µg/L
Zn <10 µg/L

As 8 µg/L
Ba 22 µg/L
Pb 3 µg/L
Zn 589 µg/L
♦ MW-SB-2
♦ MW-SB-2AR
As <5 µg/L
Ba <10 µg/L
Pb <1 µg/L
Zn 28300 µg/L

As 50 µg/L
Ba <10 µg/L
Pb <1 µg/L
Zn 1680 µg/L
♦ MW-SB-5

♦ MW-SB-4R
As <5 µg/L
Ba <10 µg/L
Pb <1 µg/L
Zn 1420 µg/L

♦ MW-SB-6
As 63 µg/L
Ba <10 µg/L
Pb 2750 µg/L
Zn 2220 µg/L

♦ MW-SB-12R
As <5 µg/L
Ba 21 µg/L
Pb <1 µg/L
Zn 63 µg/L

♦ MW-SB-16

♦ MW-SB-11

♦ MW-SB-10

♦ MW-SB-3

LEGEND
♦ HOOD PACKAGING MONITORING WELL LOCATION

TABLE OF SITE DELINEATION VALUES

	GROUNDWATER (µg/L)
As	10
Ba	2,000
Pb	15
Zn	2,000

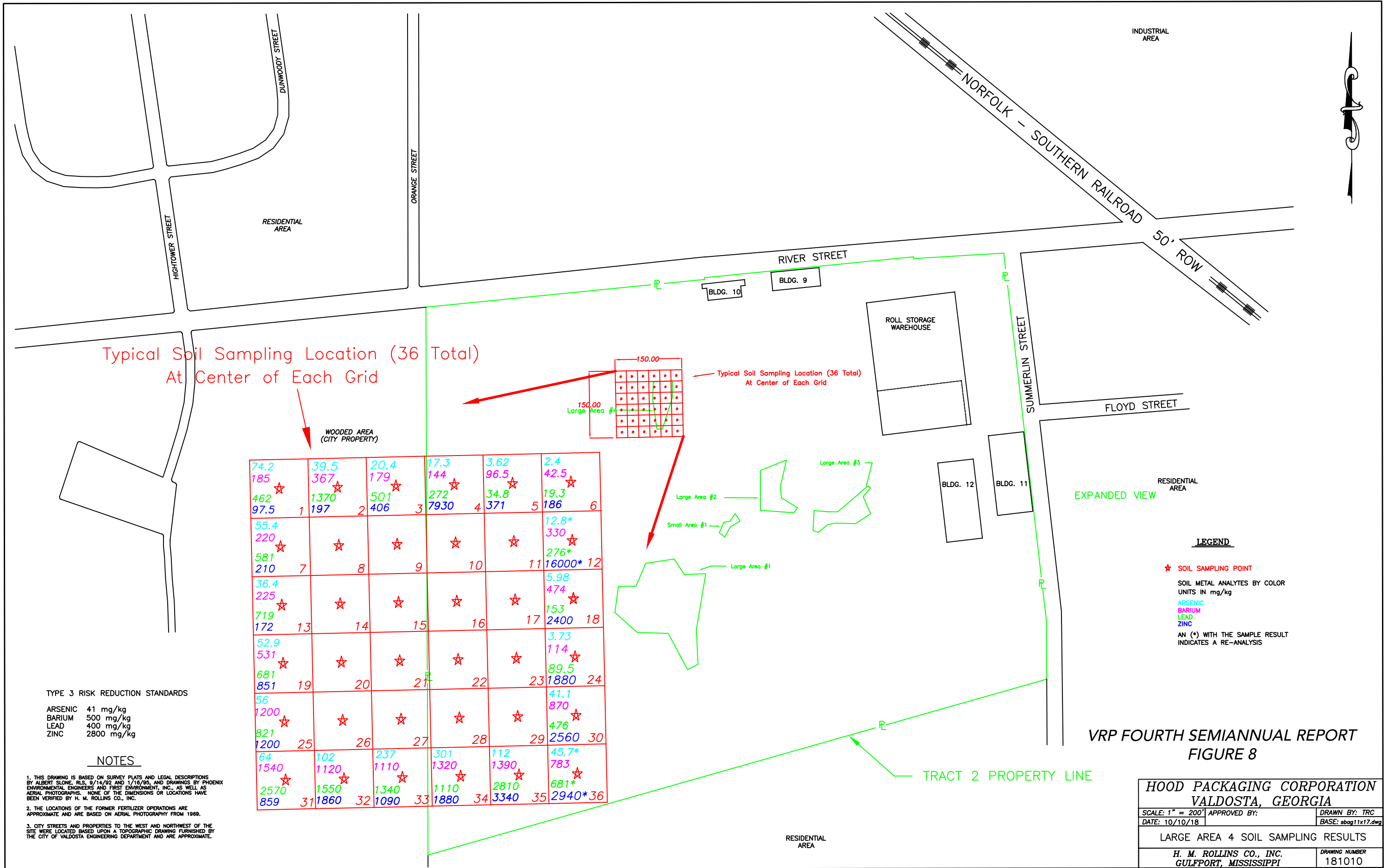
VRP FOURTH SEMIANNUAL REPORT
FIGURE 7

NOTES

1. THIS DRAWING IS BASED ON SURVEY PLATS AND LEGAL DESCRIPTIONS BY ALBERT SLONE, R.L.S. 9/14/92 AND 1/16/95, AND DRAWINGS BY PHOENIX ENVIRONMENTAL ENGINEERS AND FIRST ENVIRONMENT, INC., AS WELL AS AERIAL PHOTOGRAPHS. NONE OF THE DIMENSIONS OR LOCATIONS HAVE BEEN VERIFIED BY H. M. ROLLINS CO., INC.
2. THE LOCATIONS OF THE FORMER FERTILIZER OPERATIONS ARE APPROXIMATE AND ARE BASED ON AERIAL PHOTOGRAPHY FROM 1989.
3. CITY STREETS AND PROPERTIES TO THE WEST AND NORTHWEST OF THE SITE WERE LOCATED BASED UPON A TOPOGRAPHIC DRAWING FURNISHED BY THE CITY OF VALDOSTA ENGINEERING DEPARTMENT AND ARE APPROXIMATE.

**HOOD PACKAGING CORPORATION
VALDOSTA, GEORGIA**

SCALE: 1" = 200'	APPROVED BY:	DRAWN BY: TRC
DATE: 09/27/18		BASE:
GROUNDWATER SAMPLING RESULTS FROM MARCH 22-23, 2018		
H. M. ROLLINS CO., INC. GULFPORT, MISSISSIPPI		DRAWING NUMBER 180927



Typical Soil Sampling Location (36 Total)
At Center of Each Grid

Typical Soil Sampling Location (36 Total)
At Center of Each Grid

74.2 185 ★	39.5 367 ★	20.4 179 ★	17.3 144 ★	3.62 96.5 ★	2.4 42.5 ★
462 97.5 1	1370 197 2	501 406 3	272 7930 4	34.8 371 5	19.3 186 6
55.4 220 ★	★	★	★	★	12.8* 330 ★
581 210 7	★	★	★	★	276* 16000* 12
36.4 225 ★	★	★	★	★	5.98 474 ★
719 172 13	★	★	★	★	153 2400 18
52.9 531 ★	★	★	★	★	3.73 114 ★
681 851 19	★	★	★	★	89.5 1880 24
56 1200 ★	★	★	★	★	41.1 870 ★
821 1200 25	★	★	★	★	476 2560 30
64 1540 ★	102 1120 ★	237 1110 ★	301 1320 ★	112 1390 ★	45.7* 783 ★
2570 859 31	1550 1860 32	1340 1090 33	1110 1880 34	2810 3340 35	681* 2940* 36

TYPE 3 RISK REDUCTION STANDARDS

ARSENIC	41 mg/kg
BARIUM	500 mg/kg
LEAD	400 mg/kg
ZINC	2800 mg/kg

NOTES

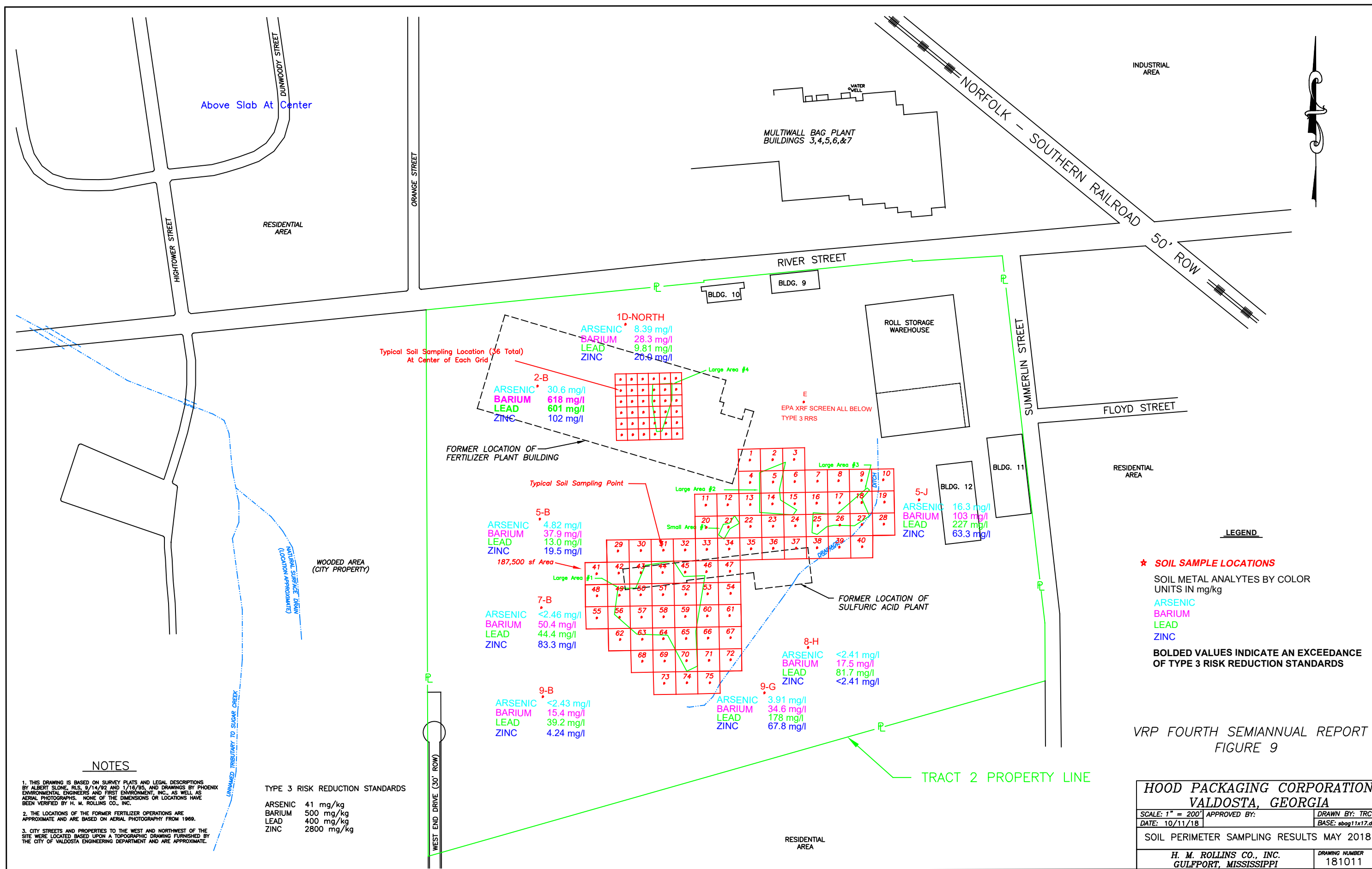
- THIS DRAWING IS BASED ON SURVEY PLATS AND LEGAL DESCRIPTIONS BY ALBERT SLONE, RLS, 9/14/92 AND 1/16/95, AND DRAWINGS BY PHOENIX ENVIRONMENTAL ENGINEERS AND FIRST ENVIRONMENT, INC., AS WELL AS AERIAL PHOTOGRAPHS. NONE OF THE DIMENSIONS OR LOCATIONS HAVE BEEN VERIFIED BY H. M. ROLLINS CO., INC.
- THE LOCATIONS OF THE FORMER FERTILIZER OPERATIONS ARE APPROXIMATE AND ARE BASED ON AERIAL PHOTOGRAPHY FROM 1989.
- CITY STREETS AND PROPERTIES TO THE WEST AND NORTHWEST OF THE SITE WERE LOCATED BASED UPON A TOPOGRAPHIC DRAWING FURNISHED BY THE CITY OF VALDOSTA ENGINEERING DEPARTMENT AND ARE APPROXIMATE.

LEGEND

- ★ SOIL SAMPLING POINT
- SOIL METAL ANALYTES BY COLOR
UNITS IN mg/kg
- ARSENIC (red)
- BARIUM (blue)
- LEAD (green)
- ZINC (purple)
- AN (*) WITH THE SAMPLE RESULT INDICATES A RE-ANALYSIS

VRP FOURTH SEMIANNUAL REPORT
FIGURE 8

HOOD PACKAGING CORPORATION VALDOSTA, GEORGIA	
SCALE: 1" = 200'	APPROVED BY:
DATE: 10/10/18	DRAWN BY: TRC
BASE: sbag11x17.dwg	
LARGE AREA 4 SOIL SAMPLING RESULTS	
H. M. ROLLINS CO., INC. GULFPORT, MISSISSIPPI	DRAWING NUMBER 181010



Typical Soil Sampling Location (36 Total) At Center of Each Grid

1D-NORTH
 ARSENIC 8.39 mg/l
 BARIUM 28.3 mg/l
 LEAD 9.81 mg/l
 ZINC 20.9 mg/l

2-B
 ARSENIC 30.6 mg/l
 BARIUM 618 mg/l
 LEAD 601 mg/l
 ZINC 102 mg/l

5-B
 ARSENIC 4.82 mg/l
 BARIUM 37.9 mg/l
 LEAD 13.0 mg/l
 ZINC 19.5 mg/l

7-B
 ARSENIC <2.46 mg/l
 BARIUM 50.4 mg/l
 LEAD 44.4 mg/l
 ZINC 83.3 mg/l

9-B
 ARSENIC <2.43 mg/l
 BARIUM 15.4 mg/l
 LEAD 39.2 mg/l
 ZINC 4.24 mg/l

5-J
 ARSENIC 16.3 mg/l
 BARIUM 103 mg/l
 LEAD 227 mg/l
 ZINC 63.3 mg/l

8-H
 ARSENIC <2.41 mg/l
 BARIUM 17.5 mg/l
 LEAD 81.7 mg/l
 ZINC <2.41 mg/l

9-G
 ARSENIC 3.91 mg/l
 BARIUM 34.6 mg/l
 LEAD 178 mg/l
 ZINC 67.8 mg/l

LEGEND

★ SOIL SAMPLE LOCATIONS

SOIL METAL ANALYTES BY COLOR
 UNITS IN mg/kg

ARSENIC
 BARIUM
 LEAD
 ZINC

BOLDED VALUES INDICATE AN EXCEEDANCE OF TYPE 3 RISK REDUCTION STANDARDS

TYPE 3 RISK REDUCTION STANDARDS

ARSENIC	41 mg/kg
BARIUM	500 mg/kg
LEAD	400 mg/kg
ZINC	2800 mg/kg

NOTES

- THIS DRAWING IS BASED ON SURVEY PLATS AND LEGAL DESCRIPTIONS BY ALBERT SLOVE, R.L.S. 9/14/92 AND 1/18/95, AND DRAWINGS BY PHOENIX ENVIRONMENTAL ENGINEERS AND FIRST ENVIRONMENT, INC., AS WELL AS AERIAL PHOTOGRAPHS. NONE OF THE DIMENSIONS OR LOCATIONS HAVE BEEN VERIFIED BY H. M. ROLLINS CO., INC.
- THE LOCATIONS OF THE FORMER FERTILIZER OPERATIONS ARE APPROXIMATE AND ARE BASED ON AERIAL PHOTOGRAPHY FROM 1969.
- CITY STREETS AND PROPERTIES TO THE WEST AND NORTHWEST OF THE SITE WERE LOCATED BASED UPON A TOPOGRAPHIC DRAWING FURNISHED BY THE CITY OF VALDOSTA ENGINEERING DEPARTMENT AND ARE APPROXIMATE.

VRP FOURTH SEMIANNUAL REPORT
 FIGURE 9

**HOOD PACKAGING CORPORATION
 VALDOSTA, GEORGIA**

SCALE: 1" = 200'	APPROVED BY:	DRAWN BY: TRC
DATE: 10/11/18		BASE: sbog11x17.dwg
SOIL PERIMETER SAMPLING RESULTS MAY 2018		
H. M. ROLLINS CO., INC. GULFPORT, MISSISSIPPI		DRAWING NUMBER 181011

TABLE 1

**Hood Packaging Corporation
Valdosta, Georgia
Summary of Analytical Results - Monitoring Wells**

		Metals, µg/l				
HSRA Type 1 Standards (µg/l)		10	2000	15	2000	
Well No.	Date	Arsenic	Barium	Lead	Zinc	Notes
MW-SB-1	5/24/1997	<5	43	55		
MW-SB-1	5/24/1997	<5	41	54		DUPLICATE
MW-SB-1	8/27/1997	<5	61	31		
MW-SB-1	8/27/1997	<5	64	29		
MW-SB-1	10/17/1997	<5	53	46		
MW-SB-1	7/26/2001	<5	127	42		
MW-SB-1	3/7/2006	24	77	64		
MW-SB-1	3/7/2006	<5	21	<5		FILTERED IN LAB
MW-SB-1R	4/20/2017	<5	44	<1	14	
MW-SB-1R	11/21/2017	<5	35	<1	15	
MW-SB-1R	3/23/2018	<5	38	<1	26	
MW-SB-1A	10/17/1997	<5	87	<5		
MW-SB-1A	10/17/1997	<5	115	<5		DUPLICATE
MW-SB-1A	7/26/2001	<50	35	<5		
MW-SB-1A	3/7/2006	<5	72	<5		
MW-SB-1A	3/7/2006	<5	14	<5		FILTERED IN LAB
MW-SB-1A	4/20/2017	<5	13	<1	374	
MW-SB-1A	11/21/2017	<5	11	<1	1,090	
MW-SB-1A	3/22/2018	<5	<10	<1	614	
MW-SB-2	5/24/1997	6	71	<5		
MW-SB-2	5/24/1997	15	72	10		DUPLICATE
MW-SB-2	8/27/1997	7	27	<5		
MW-SB-2	10/14/1997	13		<5		
MW-SB-2	7/26/2001	10	13	<5		
MW-SB-2	3/7/2006	40	32	<5		
MW-SB-2	3/7/2006	36	<10	<5		FILTERED IN LAB
MW-SB-2	4/19/2017	9	26	<1	526	

TABLE 1

**Hood Packaging Corporation
Valdosta, Georgia
Summary of Analytical Results - Monitoring Wells**

		Metals, µg/l				
HSRA Type 1 Standards (µg/l)		10	2000	15	2000	
Well No.	Date	Arsenic	Barium	Lead	Zinc	Notes
MW-SB-2	11/20/2017	9	19	3	578	
MW-SB-2	3/22/2018	8	22	3	589	
MW-SB-2A	10/14/1997	<10		<5		
MW-SB-2A	10/8/1998	<5	37	<5		
MW-SB-2A	10/8/1998	<5	37	<5		DUPLICATE
MW-SB-2A	7/26/2001	<250	<10	<5		
MW-SB-2A	3/7/2006	<5	11	<5		
MW-SB-2A	3/7/2006	<5	<10	<5		FILTERED IN LAB
MW-SB-2AR	4/19/2017	<5	43	<1	408	
MW-SB-2AR	11/20/2017	<5	13	<1	14,700	
MW-SB-2AR	3/22/2018	<5	<10	<1	28,300	
MW-SB-3	5/24/1997	<5	30	<5		
MW-SB-3	5/24/1997	<5	36	<5		DUPLICATE
MW-SB-3	8/27/1997	<5	38	<5		
MW-SB-3	7/26/2001	<5	186	13		
MW-SB-3	10/4/2001			14		
MW-SB-3	10/4/2001			<5		FILTERED
MW-SB-3	10/4/2001			16		DUPLICATE
MW-SB-3	10/4/2001			<5		DUPLICATE / FILTERED
MW-SB-4	10/16/1997	<5	22	<5		
MW-SB-4	10/16/1997	<5	31	<5		DUPLICATE
MW-SB-4	7/26/2001	<25	21	<5		
MW-SB-4R	4/20/2017	<5	<10	<1	2,230	
MW-SB-4R	11/20/2017	<5	<10	<1	1,770	
MW-SB-4R	3/23/2018	<5	<10	<1	1,420	
MW-SB-5	10/16/1997	<5	67	<5		
MW-SB-5	10/16/1997	<5	103	<5		DUPLICATE

TABLE 1

**Hood Packaging Corporation
Valdosta, Georgia
Summary of Analytical Results - Monitoring Wells**

		Metals, µg/l				
HSRA Type 1 Standards (µg/l)		10	2000	15	2000	
Well No.	Date	Arsenic	Barium	Lead	Zinc	Notes
MW-SB-5	7/26/2001	26	<10	<5		
MW-SB-5	4/20/2017	39	<10	<1	1,180	
MW-SB-5	11/20/2017	56	<10	<1	1,810	
MW-SB-5	3/23/2018	50	<10	<1	1,680	
MW-SB-6	10/16/1997	2,660	358	64		
MW-SB-6	10/16/1997	2,720	350	62		DUPLICATE
MW-SB-6	7/26/2001	2,520	<10	810		
MW-SB-6	3/7/2006	717	<10	434		
MW-SB-6	3/7/2006	700	<10	403		FILTERED IN LAB
MW-SB-6	4/20/2017	72	11	464	1,920	
MW-SB-6	11/21/2017	131	14	2,670	2,610	
MW-SB-6	3/23/2018	63	<10	2,750	2,220	
MW-SB-7	10/16/1997	<5	36	<5		
MW-SB-7	10/16/1997	<5	89	<5		DUPLICATE
MW-SB-7	10/8/1998	<5	17	<5		
MW-SB-7	10/8/1998	<5	13	<5		DUPLICATE
MW-SB-7	7/26/2001	<5	24	<5		
MW-SB-8	10/17/1997	<5	89	7		
MW-SB-8	10/17/1997	<5	85	7		DUPLICATE
MW-SB-8	10/17/1997			5		FILTERED
MW-SB-8	10/8/1998	<5	47	<5		
MW-SB-8	10/8/1998	<5	44	<5		DUPLICATE
MW-SB-8	7/25/2001	<50	59	5		
MW-SB-8	3/8/2006	<5	49	<5		
MW-SB-8	3/8/2006	<5	46	<5		FILTERED IN LAB
MW-SB-8	4/19/2017	<5	54	6	2,230	
MW-SB-8	11/20/2017	<5	33	<1	3,120	

TABLE 1

**Hood Packaging Corporation
Valdosta, Georgia
Summary of Analytical Results - Monitoring Wells**

		Metals, µg/l				
HSRA Type 1 Standards (µg/l)		10	2000	15	2000	
Well No.	Date	Arsenic	Barium	Lead	Zinc	Notes
MW-SB-8	3/22/2018	<5	26	6	2,660	
MW-SB-9	10/17/1997	<5	51	<5		
MW-SB-9	10/17/1997	<5	67	<5		DUPLICATE
MW-SB-9	7/26/2001	<50	31	<5		
MW-SB-9	3/8/2006	<5	18	<5		
MW-SB-9	3/8/2006	<5	14	<5		FILTERED IN LAB
MW-SB-9	4/19/2017	<5	61	4	2,270	
MW-SB-9	11/20/2017	<5	18	<1	2,980	
MW-SB-9	3/22/2018	<5	13	<1	2,530	
MW-SB-9A	11/19/1997	<5	23	<5		
MW-SB-9A	11/19/1997	<5	22	<5		DUPLICATE
MW-SB-9A	11/19/1997	<5	15	<5		FILTERED
MW-SB-9A	7/26/2001	<50	12	<5		
MW-SB-9A	3/8/2006	<5	<10	<5		
MW-SB-9A	3/8/2006	<5	<10	<5		FILTERED IN LAB
MW-SB-9A	4/19/2017	<5	11	<1	4,390	
MW-SB-9A	11/20/2017	<5	11	<1	5,970	
MW-SB-9A	3/22/2018	<5	<10	<1	6,640	
MW-SB-10	10/17/1997	<5	57	<5		
MW-SB-10	10/17/1997	<5	64	<5		DUPLICATE
MW-SB-10	7/26/2001	<5	110	<5		
MW-SB-11	11/19/1997	<5	59	<5		
MW-SB-11	11/19/1997	<5	60	<5		DUPLICATE
MW-SB-11	11/19/1997	<5	64	7		FILTERED
MW-SB-11	10/9/1998	<5	52	<5		
MW-SB-11	10/9/1998	<5	55	<5		DUPLICATE
MW-SB-11	7/26/2001	<5	73	<5		

TABLE 1

**Hood Packaging Corporation
Valdosta, Georgia
Summary of Analytical Results - Monitoring Wells**

		Metals, µg/l				
HSRA Type 1 Standards (µg/l)		10	2000	15	2000	
Well No.	Date	Arsenic	Barium	Lead	Zinc	Notes
MW-SB-12	11/19/1997	15	16	<5		
MW-SB-12	11/19/1997	17	15	<5		DUPLICATE
MW-SB-12	11/19/1997	20	16	<5		FILTERED
MW-SB-12	7/26/2001	29	<10	<5		
MW-SB-12R	4/20/2017	7	187	4	44	
MW-SB-12R	11/20/2017	<5	<10	<1	46	
MW-SB-12R	3/23/2018	<5	21	<1	63	
MW-SB-13	11/19/1997	14	50	9		
MW-SB-13	11/19/1997	16	51	8		DUPLICATE
MW-SB-13	11/19/1997	20	50	<5		FILTERED
MW-SB-13	10/8/1998	16	76	67		
MW-SB-13	10/8/1998	15	72	52		DUPLICATE
MW-SB-13	10/8/1998	14	68	<5		FILTERED
MW-SB-13	7/26/2001	16	123	158		
MW-SB-13	3/8/2006	13	102	29		
MW-SB-13	3/8/2006	<5	89	16		FILTERED IN LAB
MW-SB-13	4/20/2017	21	90	39	359	
MW-SB-13	11/21/2017	57	221	16	188	
MW-SB-13	3/23/2018	112	184	24	718	
MW-SB-14	11/19/1997	41	149	212		
MW-SB-14	11/19/1997	41	139	191		DUPLICATE
MW-SB-14	11/19/1997	49	140	136		FILTERED
MW-SB-14	10/8/1998	50	79	211		
MW-SB-14	10/8/1998	51	80	249		DUPLICATE
MW-SB-14	7/26/2001	72	60	144		
MW-SB-14	3/8/2006	32	25	96		
MW-SB-14	3/8/2006	38	18	63		FILTERED IN LAB

TABLE 1

**Hood Packaging Corporation
Valdosta, Georgia
Summary of Analytical Results - Monitoring Wells**

		Metals, µg/l				
HSRA Type 1 Standards (µg/l)		10	2000	15	2000	
Well No.	Date	Arsenic	Barium	Lead	Zinc	Notes
MW-SB-14	4/19/2017	30	42	144	108	
MW-SB-14	11/20/2017	29	71	173	388	
MW-SB-14	3/22/2018	15	15	138	92	
MW-SB-15	10/9/1998	<5	54	<5		
MW-SB-15	10/9/1998	<5	38	<5		FILTERED
MW-SB-15	7/26/2001	<5	62	<5		
MW-SB-15	3/8/2006	<5	59	<5		
MW-SB-15	3/8/2006	<5	27	<5		FILTERED IN LAB
MW-SB-15	4/19/2017	<5	34	<1	<10	
MW-SB-15	11/20/2017	<5	31	<1	<10	
MW-SB-15	3/22/2018	<5	32	1	<10	
MW-SB-16	10/9/1998	<5	36	<5		
MW-SB-16	10/9/1998	<5	38	<5		DUPLICATE
MW-SB-16	7/26/2001	<5	36	<5		

TABLE 2

Hood Packaging Corporation
Valdosta, Georgia
Table of Groundwater Elevations

DATE OF MEASUREMENT:		5/24/1997		8/26/1997		10/16/1997		11/19/1997		10/9/1998		5/8/2001		7/25/2001		10/4/2001		3/8/2006		4/19/2017		11/21/2017		3/22/2018		
WELL	ELEV. MP, feet NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	DIST TO WATER, ft	GW ELEV, ft NGVD	
MW-SB-1	189.28	6.85	182.43	6.64	182.64	7.93	181.35	4.79	184.49	4.88	184.40	8.36	180.92	6.21	183.07	8.98	180.30	5.92	183.36							
MW-SB-1R	188.56																			8.10	180.46	8.65	179.91	7.69	180.87	
MW-SB-1A	189.25							3.70	185.55	4.93	184.32	7.97	181.28	6.12	183.13	8.46	180.79	5.48	183.77	5.63	183.62	8.22	181.03	7.49	181.76	
MW-SB-2	188.52	6.18	182.34	5.89	182.63	7.30	181.22	4.02	184.50	4.48	184.04	7.81	180.71	5.56	182.96	7.88	180.64	5.43	183.09	7.35	181.17	7.38	181.14	6.97	181.55	
MW-SB-2A	188.58					7.33	181.25	3.28	185.30	5.30	183.28	7.57	181.01	6.10	182.48	7.79	180.79	5.13	183.45							
MW-SB-2AR	188.21																			6.56	181.65	6.78	181.43	6.84	181.37	
MW-SB-3	192.32	9.61	182.71	8.97	183.35	11.03	181.29	6.99	185.33	8.22	184.10	11.41	180.91	9.23	183.09	11.64	180.68	8.21	184.11			11.01	181.31	10.80	181.52	
MW-SB-4	192.88					6.66	186.22	2.50	190.38	3.15	189.73	6.27	186.61	4.05	188.83	6.80	186.08									
MW-SB-4R	193.44																			11.35	182.09					
MW-SB-4R*	193.87																					11.32	182.55	11.23	182.64	
MW-SB-5	197.53					8.67	188.86	4.00	193.53	3.66	193.87	7.63	189.90	5.77	191.76	8.26	189.27	5.40	192.13	8.50	189.03	7.99	189.54	8.25	189.28	
MW-SB-6	194.76					11.50	183.26	4.46	190.30	4.66	190.10	11.72	183.04	5.61	189.15	12.46	182.30	5.82	188.94	10.31	184.45	5.76	189.00	4.55	190.21	
MW-SB-7	196.40					13.82	182.58	9.14	187.26	11.46	184.94	13.90	182.50	12.49	183.91	14.67	181.73	12.27	184.13			14.13	182.27	13.96	182.44	
MW-SB-8	180.10					2.63	177.47	2.32	177.78	2.30	177.80	5.66	174.44	2.91	177.19	4.94	175.16	2.84	177.26	3.19	176.91	3.63	176.47	2.84	177.26	
MW-SB-9	182.25					3.46	178.79	3.04	179.21	3.19	179.06	6.09	176.16	3.80	178.45	5.61	176.64	3.95	178.30	5.48	176.77	4.79	177.46	3.94	178.31	
MW-SB-9A	183.86							3.49	180.37	3.56	180.30	6.06	177.80	4.12	179.74	5.86	178.00	4.25	179.61	5.61	178.25	5.49	178.37	4.96	178.90	
MW-SB-10	193.04					10.77	182.27	6.10	186.94	6.53	186.51	10.86	182.18	8.76	184.28	11.36	181.68	7.98	185.06			10.38	182.66	9.82	183.22	
MW-SB-11	199.38							11.21	188.17	15.02	184.36	16.37	183.01	15.30	184.08	17.10	182.28	8.76	190.62			16.32	183.06	14.61	184.77	
MW-SB-12	199.08							3.96	195.12	4.00	195.08	7.68	191.40	6.72	192.36	7.88	191.20									
MW-SB-12R	198.83																			15.64	183.19	15.29	183.54	15.25	183.58	
MW-SB-13	179.49							3.33	176.16	3.25	176.24	5.86	173.63	3.42	176.07	5.71	173.78	3.20	176.29	2.90	176.59	4.41	175.08	2.81	176.68	
MW-SB-14	183.66							2.84	180.82	2.95	180.71	5.06	178.60	3.08	180.58	4.74	178.92	3.66	180.00	5.87	177.79	5.85	177.81	5.11	178.55	
MW-SB-15	186.17									3.40	182.77	5.93	180.24	3.70	182.47	5.84	180.33	3.77	182.40	5.16	181.01	5.11	181.06	4.30	181.87	
MW-SB-16	198.55									7.84	190.71	9.51	189.04	8.22	190.33	9.64	188.91	13.28	185.27			10.05	188.50	10.03	188.52	

* New elevation after repair

TABLE 3

**Hood Packaging Corporation
Valdosta, Georgia
Surface Water Sampling Results**

		Arsenic	Barium	Lead	Zinc
Georgia Surface Water Standards, µg/l	Acute	340	N/A	30*	65*
* indicates hardness dependent	Chronic	150	N/A	1.2*	65*
Date	Sample ID	All results in µg/l.			
03/23/18	Park Road Ditch	<5	42.3	8.08	301
11/21/17	Park Road Ditch	<5	31	5	89
04/20/17	Park Road Ditch	<5	38.6	1.68	134
11/16/16	Park Road Ditch	2		2	<20
07/25/01	Park Road Ditch	7	58	41	
05/09/01	Park Road Ditch	<5	30	6	
08/10/99	Park Road Ditch	12	69	67	
11/17/97	Park Road Ditch	5	46	32	
03/23/18	River Street Ditch	<5	39	4.14	147
11/21/17	River Street Ditch	<5	28	3	36.5
04/20/17	River Street Ditch	<5	39.7	19.6	113
11/16/16	River Street Ditch	2		3	<20
07/25/01	River Street Ditch	<5	56	15	
05/09/01	River Street Ditch	<5	56	32	
08/10/99	River Street Ditch	<5	30	13	
11/17/97	River Street Ditch	5	63	34	
03/23/18	Magnolia Street Ditch	<5	26.1	<1	38.1
11/21/17	Magnolia Street Ditch	<5	22	<1	13.2
03/07/06	Magnolia Street Ditch	<5	35	<5	
05/09/01	Magnolia Street Ditch	<5	30	<5	
03/23/18	Lankford Drive Ditch	<5	45.9	1.84	32.5
11/21/17	Lankford Drive Ditch	<5	43	1	29
05/09/01	Lankford Drive Ditch	<5	50	<5	
03/23/18	Baytree Road Ditch	<5	19.5	<1	19.2
11/21/17	Baytree Road Ditch	<5	28	2	20.7
05/09/01	Baytree Road Ditch	<5	30	<5	
03/30/18	SW-6 Upstream	<5	36.5	3.21	25.5

TABLE 4**Monitoring Well Construction Details
Hood Packaging Corporation
Valdosta, Georgia**

Well No.	Total Depth (feet, BLS)	Screen Length (feet)	Construction	Measuring Point Elevation (feet NGVD)
MW-SB-1R	30	10	2" PVC	188.56
MW-SB-1A	51	10	2" PVC	189.25
MW-SB-2	13	10	2" PVC	188.52
MW-SB-2AR	33.5	10	2" PVC	188.21
MW-SB-3	17	10	2" PVC	192.32
MW-SB-4R	24.4	10	2" PVC	193.87
MW-SB-5	11	5	2" PVC	197.53
MW-SB-6	17	10	2" PVC	194.76
MW-SB-7	24	10	2" PVC	196.40
MW-SB-8	13	5	2" PVC	180.10
MW-SB-9	13	5	2" PVC	182.25
MW-SB-9A	12	10	2" PVC	183.86
MW-SB-10	19	10	2" PVC	193.04
MW-SB-11	22	15	2" PVC	199.38
MW-SB-12R	19	10	2" PVC	198.83
MW-SB-13	12.5	10	2" PVC	179.49
MW-SB-14#	6.5	5	2" PVC	183.66
MW-SB-15	7	5	2" PVC	186.17
MW-SB-16	15	10	2" PVC	198.55

TABLE 5

**Hood Packaging Corporation
Valdosta, Georgia**

Other Areas Discreet Samples					
Date	Sample ID	Metals Analyzed for via Method SW 6010B			
		Arsenic (ppm)	Barium (ppm)	Lead (ppm)	Zinc (ppm)
03/26/18	SS-1	16.1	104	187	116
03/26/18	SS-2	91.4	143	264	508
03/26/18	SS-3	132	122	207	48.1
03/26/18	SS-4	42	212	384	610
03/26/18	SS-5	39.7	280	211	116
03/26/18	SS-6	7.62	65.9	439	30.8
03/26/18	SS-7	8	44.3	21.9	36.6
03/26/18	SS-8	28.5	190	94	83.6
03/26/18	SS-9	27	230	180	118
03/29/18	SS-10	27.8	199	81.1	44.3
03/26/18	SS-11	165	1090	1660	1630
03/26/18	SS-12	12.6	2190	1680	79.3
03/26/18	SS-13	95.7	263	522	536
03/26/18	SS-14	19.3	57.2	88.2	149
03/26/18	SS-15	518	158	2450	2840
03/26/18	SS-16	23	103	109	27.9
03/26/18	SS-17	75.7	193	269	33.2
03/26/18	SS-18	42.6	213	328	29.6
03/29/18	SS-19	72.3	544	2700	67.7
03/26/18	SS-20	93.7	896	223	150
03/26/18	SS-21	82.8	544	527	279
03/26/18	SS-22	10.6	1200	628	506
03/26/18	SS-23	48.5	342	368	322
03/26/18	SS-24	113	315	554	451
03/26/18	SS-25	52.1	567	612	97.7
03/29/18	SS-26	75.8	480	569	116
03/29/18	SS-27	84.2	320	419	325
03/29/18	SS-28	38.8	260	180	50.2
03/27/18	SS-29	59.4	617	1350	76.5
03/27/18	SS-30	166	108	184	46.3
03/27/18	SS-31	53.9	179	169	47.4
03/27/18	SS-32	648	849	13700	887
05/02/18	SS-32 Reanalysis	684		10100	
03/27/18	SS-33	136	695	374	66.3
03/27/18	SS-34	311	1070	1040	616
03/27/18	SS-35	32	1100	1560	107
03/27/18	SS-36	88.4	548	314	84.2
03/27/18	SS-37	18	229	649	42.8
03/27/18	SS-38	37.2	680	2580	110
03/29/18	SS-39	7.03	133	56.8	30.8
03/29/18	SS-40	40.1	297	132	93.4
03/27/18	SS-41	13.6	215	727	166

TABLE 5

**Hood Packaging Corporation
Valdosta, Georgia**

Other Areas Discreet Samples					
Date	Sample ID	Metals Analyzed for via Method SW 6010B			
		Arsenic (ppm)	Barium (ppm)	Lead (ppm)	Zinc (ppm)
03/27/18	SS-42	136	283	726	28.2
03/27/18	SS-43	253	534	2190	57.3
03/27/18	SS-44	380	647	3190	96
03/27/18	SS-45	103	565	929	64.7
03/27/18	SS-46	13.4	60.7	85.6	5.42
03/27/18	SS-47	18.4	157	1030	52.2
03/27/18	SS-48	28.5	57.3	958	8.17
03/27/18	SS-49	98.2	100	3130	48.9
03/27/18	SS-50	268	62.2	10800	829
05/02/18	SS-50 Reanalysis	321		10000	453
03/27/18	SS-51	64.5	172	1680	65.1
03/27/18	SS-52	29.7	189	1660	15.6
03/27/18	SS-53	16.8	60.6	288	20.7
03/28/18	SS-54	11.3	218	3830	38.4
03/28/18	SS-55	47.6	298	13700	10.8
05/02/18	SS-55 Reanalysis	79		9630	
03/28/18	SS-56	54.3	261	6630	36.9
05/02/18	SS-56 Reanalysis	68.9		6930	
03/28/18	SS-57	34	101	449	14.1
03/28/18	SS-58	116	528	2500	76.9
03/28/18	SS-59	85.6	14.9	50.9	<3.62
03/28/18	SS-60	63.5	281	2960	92.8
03/28/18	SS-61	154	457	6380	130
05/02/18	SS-61 Reanalysis	126		5700	
03/28/18	SS-62	49.8	678	1910	535
03/28/18	SS-63	101	42.2	139	<3.19
03/28/18	SS-64	7.19	300	1090	9.82
03/28/18	SS-65	127	338	3640	34.3
03/28/18	SS-66	40.9	375	1640	48.5
03/28/18	SS-67	14.8	230	3060	11.1
03/28/18	SS-68	13	503	3550	32.9
03/29/18	SS-69	70.9	451	1790	35.1
03/29/18	SS-70	54	580	10800	64.9
05/02/18	SS-70 Reanalysis	71.8		7430	
03/29/18	SS-71	55.4	265	4210	123
05/02/18	SS-71 Reanalysis	79.2		424	
03/29/18	SS-72	119	223	2900	12.1
03/29/18	SS-73	<3.28	38.4	83.5	13.5
03/29/18	SS-74	12	92.8	246	18.2
03/29/18	SS-75	12.6	46.4	153	19.7

TABLE 5**Hood Packaging Corporation
Valdosta, Georgia**

Large Area 4 Discreet Samples					
Date	Sample ID	Metals Analyzed for via Method SW 6010B			
		Arsenic (ppm)	Barium (ppm)	Lead (ppm)	Zinc (ppm)
07/31/17	SP#1	74.2	185	462	97.5
07/31/17	SP#2	39.5	367	1370	197
07/31/17	SP#3	20.4	179	501	406
07/31/17	SP#4	17.3	144	272	7930
07/31/17	SP#5	3.62	96.5	34.8	371
08/01/17	SP#6	2.4	42.5	19.3	186
08/01/17	SP#7	55.4	220	581	210
08/01/17	SP#12	15	330	682	49100
05/02/18	SP#12 Reanalysis	12.8		276	16000
08/01/17	SP#13	36.4	225	719	172
08/01/17	SP#18	5.98	474	153	2400
08/01/17	SP#19	52.9	531	681	851
08/01/17	SP#24	3.73	114	89.5	1880
08/01/17	SP#25	56	1200	821	1200
08/02/17	SP#30	41.1	870	476	2560
08/02/17	SP#31	64	1540	2570	859
08/02/17	SP#32	102	1120	1550	1860
08/02/17	SP#33	237	1110	1340	1090
08/02/17	SP#34	301	1320	1110	1880
08/02/17	SP#35	112	1390	2810	3340
08/02/17	SP#36	44.4	783	1470	18100
05/02/18	SP#36 Reanalysis	45.7		681	2940

TABLE 6

**Hood Packaging Corporation
Valdosta, Georgia**

Perimeter Soil Samples					
Date	Sample ID	Metals Analyzed for via Method SW 6010B			
		Arsenic (ppm)	Barium (ppm)	Lead (ppm)	Zinc (ppm)
05/16/18	Sample 9G	3.91	34.6	178	67.8
05/16/18	Sample 8H	<2.41	17.5	81.7	<2.41
05/16/18	Sample 5J	16.3	103	227	63.3
05/17/18	Sample 7B	<2.46	50.4	44.4	83.3
05/17/18	Sample 9B	<2.43	15.4	39.2	4.24
05/17/18	Sample 5B	4.82	37.9	13	19.5
05/17/18	Sample 2B	30.6	618	601	102
05/17/18	Sample 1D North	8.39	28.3	9.81	20

TABLE 7

**Hood Packaging Corporation
Valdosta, Georgia**

Tract 2 Composite							
Date	Sample ID	Metals by EPA 6000 Series Methods ICP-AES (mg/kg dry wt.)					
		Arsenic	Barium	Chromium	Copper	Lead	Zinc
06/12/18	Subsample #1	55.2	613	29.3	81	1060	1010
06/12/18	Subsample #2	68.7	590	27.2	119	1420	1230
06/12/18	Subsample #3	74.7	553	38.1	91.5	1220	1040
06/12/18	Subsample #4	51.8	726	30.5	81.9	1270	1100
06/12/18	Subsample #5	57.5	679	22.7	92.3	1110	1160
06/12/18	Subsample #6	61.7	590	24.7	99	1080	817
06/12/18	Subsample #7	64.8	603	26.7	98.1	1340	1250
06/12/18	Subsample #8	61.4	543	25.9	205	918	1080
06/12/18	Subsample #9	52.5	623	26.2	162	1020	1200
06/12/18	Subsample #10	70.2	575	28.9	107	1060	1230

Appendix A

3-22-18

SB-8

 $\nabla = 2.84'$

$9 - 2.84 = 6.16$

$6.16 \times 0.48 = 2.96$

Ph	Temp	Cond	Turb	Time	Gal
4.04	16.25	28.14	15.9	0910	.5
3.99	15.78	2866	11.5	0918	1
3.99	16.35	2942	10.1	0925	1.5
4.00	16.45	2950	4.5	0933	2
4.00	16.51	2946	4.6	0941	2.5
3.99	16.53	2917	4.3	0949	3

Sample Time 0954

SB-9

 $\nabla = 3.94$

$13 - 3.94 = 9.06$

$9.06 \times 0.48 = 4.35$

Ph	Temp	Cond	Turb	Time	Gal
3.56	17.17	1.567	35.1	1015	.5
3.54	17.41	1.558	29.6	1022	1.5
3.58	17.65	1.560	20.8	1031	2
3.61	17.79	1.559	21.5	1038	2.5
3.64	17.86	1.563	19.2	1047	3
3.65	17.79	1.578	10.3	1055	3.5
3.66	17.91	1.566	7.7	1108	4
3.67	17.97	1.564	7.4	1116	4.5

Sample Time 1120

3-22-19

SB-9A
∇ = 9.9612.496 = 7.04
7.04 × 0.48 = 3.38

Ph	Temp	Cond	Turb	Time	gal
3.61	16.70	2.328	19.5	1130	.5
3.64	18.27	2.319	18.3	1136	1
3.65	18.25	2.318	14.6	1143	1.5
3.64	18.23	2.330	9.6	1152	2
3.64	18.21	2.340	9.3	1200	2.5
3.64	18.43	2.328	6.9	1209	3
3.63	18.46	2.319	5.1	1213	3.5
Sample Time				1218	

SB-14
∇9 - 5.11 = 3.89
3.89 × .48 = 1.87

Ph	Temp	Cond	Turb	Time	gal
4.16	16.98	0.128	85.1	1240	.5
4.27	17.23	0.1094	72.7	1248	1
4.25	17.21	0.093	26.5	1255	1.5
4.24	17.26	0.093	12.6	1303	2
4.24	17.19	0.093	4.05	1309	2.5
Sample Time				1315	3

3-22-18

SB-15
∇9.2 - 4.30 = 4.90
4.90 × .48 = 2.35

Ph	Temp	Cond	Turb	Time	gal
4.74	16.48	0.059	21.1	1340	.5
4.79	16.17	0.059	10.3	1346	1
4.79	16.16	0.056	7.2	1354	1.5
4.92	16.67	0.051	7.1	1401	2
4.85	16.61	0.054	4.4	1409	2.5
Sample Time				1415	

SB-2AA

∇ 6.84

35 - 6.84 = 28.16
28.16 × .48 = 13.51

Ph	Temp	Cond	Turb	Time	gal
3.76	20.32	3.997	48.4	1435	1
3.32	20.06	4.499	21.7	1450	2
3.31	20.29	4.581	20.1	1509	4
3.31	20.12	4.554	16.7	1525	6
3.30	20.28	4.557	6.2	1539	8
3.29	20.14	4.560	4.2	1553	10
3.29	20.35	4.558	4.4	1616	12
3.29	20.28	4.533	4.1	1635	14
Sample Time				1638	

3-22-18

SB-2

$\nabla = 6.97$

$15 - 6.97 = 8.03$

$8.03 \times .48 = 3.85$

Ph	Temp	Cond	Turb	Time	gal
3.86	18.40	0.816	59.3	1642	.5
3.99	18.00	0.641	46.1	1650	1
4.00	17.87	0.633	21.6	1657	1.5
4.01	17.81	0.628	13.4	1705	2
4.06	17.91	0.620	10.4	1712	2.5
4.13	17.94	0.595	6.11	1720	3
4.22	17.98	0.588	5.25	1726	3.5

Sample Time 1730

SB1A

$\nabla = 7.49$

$53.1 - 7.49 = 45.61$

$45.61 \times .48 = 21.89$

Ph	Temp	Cond	Turb	Time	gal
4.36	20.55	1.423	17.15	1745	1
4.37	20.69	1.440	10.21	1815	4
4.38	20.65	1.436	6.51	1832	6
4.29	20.60	1.437	4.32	1846	8
4.06	20.47	1.491	3.92	1859	10
4.33	20.91	1.471	3.90	1917	12
4.30	21.01	1.480	3.98	1928	14
4.05	20.19	1.491	3.89	1940	16

Sample Time 1945

3-23-18

SB-1R

$\nabla = 7.69$

$33.2 - 7.69 = 25.51$

$25.51 \times .48 = 12.45$

Ph	Temp	Cond	Turb	Time	gal
4.20	20.88	0.346	26.1	0735	1
4.18	20.40	0.330	25.6	0748	2
4.17	20.32	0.302	10.5	0806	4
4.18	20.25	0.336	7.32	0824	6
4.16	20.30	0.344	5.71	0841	8
4.21	20.20	0.370	5.67	0900	10
4.22	20.27	0.387	5.12	0918	12
4.22	20.21	0.370	5.17	0923	

Sample Time 0928

SB-4R

$\nabla = 11.23$

$27.1 - 11.23 = 15.87$

$15.87 \times .48 = 7.62$

Ph	Temp	Cond	Turb	Time	gal
3.78	19.65	1.337	28.1	0945	1
NO Reading					
3.78	19.69	1.380	19.6	0958	3
3.77	19.74	1.390	11.7	1011	4
3.77	19.74	1.394	7.21	1025	5
3.77	19.83	1.406	4.77	1039	6
3.77	19.87	1.408	3.52	1050	7
3.77	19.84	1.410	4.19	1059	8

Sample Time 1103

3/23/18

SB-5

$\nabla = 8.25$

$13 - 8.25 = 4.75$

$4.75 \times .48 = 2.28$

Ph	Temp	Cond	Turbid	Time	gal
4.23	18.82	1.594	24.7	1115	.5
4.26	18.51	1.572	18.3	1121	1
4.32	18.37	1.551	13.2	1127	1.5
4.26	18.41	1.560	6.21	1133	2
4.24	18.41	1.596	4.03	1141	2.5

Sample Time 1144

SB-12R

$\nabla = 15.25$

$21.5 \times 15.25 = 6.25$

$6.25 \times .48 = 3$

Ph	Temp	Cond	Turbid	Time	gal
4.88	17.58	0.278	14.9	1153	1
4.92	18.44	0.273	9.58	1158	1.5
4.91	18.52	0.275	6.21	1206	2
4.90	18.50	0.279	4.87	1211	2.5
4.88	18.49	0.279	4.90	1217	3

Sample Time 1220

3/23/18

SB-6

$\nabla = 4.55$

$20 - 4.55 = 15.45$

$15.45 \times .48 = 7.42$

Ph	Temp	Cond	Turbid	Time	gal
2.45	17.51	2.842	23.2	1250	1
2.44	17.41	2.889	14.7	1305	2
2.43	17.57	2.890	8.13	1319	3
2.43	17.56	2.894	4.27	1328	4
2.43	17.54	2.898	3.62	1339	5
2.43	17.55	2.910	3.67	1350	6
2.42	17.51	2.920	3.71	1400	7

Sample Time 1405

SB-13

$\nabla = 2.81$

$13 - 2.81 = 10.19$

$10.19 \times .48 = 4.89$

Ph	Temp	Cond	Turbid	Time	gal
4.50	18.46	1.131	4.17	1420	1
5.23	18.66	1.112	26.5	1428	2
5.23	18.52	1.12	23.5	1437	3
5.25	18.28	1.107	12.4	1449	4
5.27	18.30	1.104	5.27	1500	5

Sample Time 1505

3-23-18

Pack Road Ditch 1435

River street Ditch 1520

Magwally St. SW3 1535

Langford Dr SW-4 1555

Baytree RD SW5 1625

3-30-18

UPSTREAM SW-6 0720

▽

3-23-18

SB-3 -	10.8'
SB-10 -	9.82
SB-7 -	13.96
SB-16 -	10.03
SB-11 -	14.01

Appendix B



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

April 03, 2018

M. Rollins
H.M. Rollins Co.

608 34th St
Gulfport MS 39501

RE: Hood Packaging Corporation

Dear M. Rollins:

Order No: 1803P41

Analytical Environmental Services, Inc. received 19 samples on 3/24/2018 11:11:00 AM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/19.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Paris Masoudi

Paris Masoudi
Project Manager



CHAIN OF CUSTODY

COMPANY: H. M. Rollins		ADDRESS: 608 34th Street Gulf Port, MS. 39501					ANALYSIS REQUESTED										Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers																			
PHONE: (478)-804-2355		EMAIL:					<table border="1" style="width:100%; height: 100px;"> <tr> <td style="writing-mode: vertical-rl; text-orientation: mixed;">Arsenic</td> <td style="writing-mode: vertical-rl; text-orientation: mixed;">Barium</td> <td style="writing-mode: vertical-rl; text-orientation: mixed;">Lead</td> <td style="writing-mode: vertical-rl; text-orientation: mixed;">Zinc</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>													Arsenic	Barium	Lead	Zinc															
Arsenic	Barium	Lead	Zinc																																			
SAMPLED BY: Joe McVay		SIGNATURE:					PRESERVATION (see codes)										REMARKS																					
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)																																
1	SB-1A	3/22/18	19:45	X		GW	HNO ₃	X	X	X	X																											
2	SB-1R	3/23/18	0928	X		GW	HNO ₃	X	X	X	X																											
3	SB-2	3/22/18	1730	X		GW	HNO ₃	X	X	X	X																											
4	SB-2AR	3/22/18	1638	X		GW	HNO ₃	X	X	X	X																											
5	SB-4R	3/23/18	1103	X		GW	HNO ₃	X	X	X	X																											
6	SB-5	3/23/18	1144	X		GW	HNO ₃	X	X	X	X																											
7	SB-6	3/23/18	1405	X		GW	HNO ₃	X	X	X	X																											
8	SB-8	3/22/18	0954	X		GW	HNO ₃	X	X	X	X																											
9	SB-9	3/22/18	1120	X		GW	HNO ₃	X	X	X	X																											
10	SB-9A	3/22/18	1218	X		GW	HNO ₃	X	X	X	X																											
11	SB-12R	3/23/18	1220	X		GW	HNO ₃	X	X	X	X																											
12	SB-13	3/23/18	1505	X		GW	HNO ₃	X	X	X	X																											
13	SB-14	3/22/18	1315	X		GW	HNO ₃	X	X	X	X																											
14	SB-15	3/22/18	1415	X		GW	HNO ₃	X	X	X	X																											
RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		PROJECT INFORMATION										RECEIPT																				
1. <i>Joe McVay</i>		3/24/18 1114		1. <i>A Johnson</i>		3/24/18 11:11		PROJECT NAME: Hood Packaging Corporation										Total # of Containers																				
2.				2.				PROJECT #:										Turnaround Time (TAT) Request																				
3.				3.				SITE ADDRESS: River Street Valdosta, Ga.										<input type="checkbox"/> Standard 5 Business Days <input checked="" type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input type="checkbox"/> Other _____																				
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		INVOICE TO: P.O. Box 3471 Gulfport, MS 39505										STATE PROGRAM (if any): _____																								
		OUT: / / VIA: IN: / / VIA: <input checked="" type="radio"/> client FedEx <input type="radio"/> UPS <input type="radio"/> US mail <input type="radio"/> courier <input type="radio"/> Greyhound other: _____		SEND REPORT TO: mrollins@hmrollins.com (IF DIFFERENT FROM ABOVE)										E-mail? <input type="checkbox"/> Fax? <input type="checkbox"/>																								
				QUOTE #: _____ PO#: _____										DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O																								

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Client:	H.M. Rollins Co.	Client Sample ID:	SB-1A
Project Name	Hood Packaging Corporation	Collection Date:	3/22/2018 7:45:00 PM
Lab ID:	1803P41-001	Matrix:	Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Arsenic	BRL	5.00		ug/L	258199	1	03/30/2018 00:58	NG
Barium	BRL	10.0		ug/L	258199	1	03/30/2018 00:58	NG
Lead	BRL	1.00		ug/L	258199	1	03/30/2018 00:58	NG
Zinc	614	10.0		ug/L	258199	1	03/30/2018 00:58	NG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]				Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?					
9. Chain of Custody signed, dated, and timed when relinquished and received?					
10. Sampler name and/or signature on COC?					
11. Were all samples received within holding time?					
12. TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>	

13. Cooler 1 Temperature _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). _____

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?					
21. Were all of the samples listed on the COC received?				samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
22. Was the sample collection date/time noted?					
23. Did we receive sufficient sample volume for indicated analyses?					
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?				listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). _____

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *					
29. Containers meet preservation guidelines?					
30. Was pH adjusted at Sample Receipt?					

I certify that I have completed sections 28-30 (dated initials). _____

Client: H.M. Rollins Co.
Project Name Hood Packaging Corporation
Workorder: 1803P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 258191

Sample ID: MB-258191	Client ID:	Units: ug/L	Prep Date: 03/28/2018	Run No: 366729							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258191	Analysis Date: 03/29/2018	Seq No: 8113904							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	10.0									
Lead	BRL	1.00									
Zinc	BRL	10.0									

Sample ID: LCS-258191	Client ID:	Units: ug/L	Prep Date: 03/28/2018	Run No: 366729							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258191	Analysis Date: 03/29/2018	Seq No: 8113905							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	106.8	5.00	100.0		107	85	115				
Barium	107.6	10.0	100.0		108	85	115				
Lead	106.2	1.00	100.0		106	85	115				
Zinc	111.5	10.0	100.0	7.437	104	85	115				

Sample ID: 1803P05-005AMS	Client ID:	Units: ug/L	Prep Date: 03/28/2018	Run No: 366729							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258191	Analysis Date: 03/29/2018	Seq No: 8113910							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	111.2	5.00	100.0		111	70	130				
Barium	124.7	10.0	100.0	16.63	108	70	130				
Lead	110.6	1.00	100.0	3.019	108	70	130				
Zinc	1680	10.0	100.0	1632	48.2	70	130				S

Sample ID: 1803P41-002AMS	Client ID: SB-1R	Units: ug/L	Prep Date: 03/28/2018	Run No: 366729							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258191	Analysis Date: 03/29/2018	Seq No: 8113907							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	104.7	5.00	100.0	0.2846	104	70	130				
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Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: H.M. Rollins Co.
Project Name: Hood Packaging Corporation
Workorder: 1803P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 258191

Sample ID: 1803P41-002AMS	Client ID: SB-1R	Units: ug/L	Prep Date: 03/28/2018	Run No: 366729							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258191	Analysis Date: 03/29/2018	Seq No: 8113907							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Barium	135.9	10.0	100.0	38.38	97.5	70	130				
Lead	98.80	1.00	100.0	0.3023	98.5	70	130				
Zinc	125.5	10.0	100.0	26.30	99.2	70	130				

Sample ID: 1803P41-002AMSD	Client ID: SB-1R	Units: ug/L	Prep Date: 03/28/2018	Run No: 366729							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258191	Analysis Date: 03/29/2018	Seq No: 8113908							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	104.7	5.00	100.0	0.2846	104	70	130	104.7	0.019	20	
Barium	136.5	10.0	100.0	38.38	98.1	70	130	135.9	0.470	20	
Lead	99.34	1.00	100.0	0.3023	99.0	70	130	98.80	0.548	20	
Zinc	127.1	10.0	100.0	26.30	101	70	130	125.5	1.31	20	

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: H.M. Rollins Co.
Project Name: Hood Packaging Corporation
Workorder: 1803P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 258199

Sample ID: MB-258199	Client ID:	Units: ug/L	Prep Date: 03/28/2018	Run No: 366730							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258199	Analysis Date: 03/30/2018	Seq No: 8113947							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	10.0									
Lead	BRL	1.00									
Zinc	BRL	10.0									

Sample ID: LCS-258199	Client ID:	Units: ug/L	Prep Date: 03/28/2018	Run No: 366730							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258199	Analysis Date: 03/30/2018	Seq No: 8113948							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	98.39	5.00	100.0		98.4	85	115				
Barium	97.85	10.0	100.0		97.8	85	115				
Lead	100.3	1.00	100.0		100	85	115				
Zinc	102.4	10.0	100.0	3.282	99.1	85	115				

Sample ID: 1803P41-001AMS	Client ID: SB-1A	Units: ug/L	Prep Date: 03/28/2018	Run No: 366730							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258199	Analysis Date: 03/30/2018	Seq No: 8113950							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	113.2	5.00	100.0	0.5382	113	70	130				
Barium	89.32	10.0	100.0	9.485	79.8	70	130				
Lead	77.53	1.00	100.0	0.2538	77.3	70	130				
Zinc	736.2	10.0	100.0	614.1	122	70	130				

Sample ID: 1803P41-011AMS	Client ID: SB-12R	Units: ug/L	Prep Date: 03/28/2018	Run No: 366730							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258199	Analysis Date: 03/30/2018	Seq No: 8113953							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	107.9	5.00	100.0	0.5047	107	70	130				
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Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: H.M. Rollins Co.
 Project Name: Hood Packaging Corporation
 Workorder: 1803P41

ANALYTICAL QC SUMMARY REPORT

BatchID: 258199

Sample ID: 1803P41-011AMS	Client ID: SB-12R	Units: ug/L	Prep Date: 03/28/2018	Run No: 366730							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258199	Analysis Date: 03/30/2018	Seq No: 8113953							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Barium	123.1	10.0	100.0	21.01	102	70	130				
Lead	98.17	1.00	100.0	0.4993	97.7	70	130				
Zinc	166.0	10.0	100.0	62.78	103	70	130				

Sample ID: 1803P41-001AMSD	Client ID: SB-1A	Units: ug/L	Prep Date: 03/28/2018	Run No: 366730							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258199	Analysis Date: 03/30/2018	Seq No: 8113951							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	107.4	5.00	100.0	0.5382	107	70	130	113.2	5.26	20	
Barium	86.61	10.0	100.0	9.485	77.1	70	130	89.32	3.07	20	
Lead	74.51	1.00	100.0	0.2538	74.3	70	130	77.53	3.98	20	
Zinc	714.3	10.0	100.0	614.1	100	70	130	736.2	3.02	20	

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

April 06, 2018

M. Rollins
H.M. Rollins Co.

608 34th St
Gulfport MS 39501

RE: HOOD Packaging Corp

Dear M. Rollins:

Order No: 1803V81

Analytical Environmental Services, Inc. received 1 samples on 3/30/2018 4:50:00 PM
for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated
Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the
analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials,
Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective
07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical
Materials, effective 07/01/17-06/30/18.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos,
Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal)
Direct Examination, effective until 11/01/19.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Paris Masoudi

Paris Masoudi
Project Manager

Client:	H.M. Rollins Co.	Client Sample ID:	SW-6 UPSTREAM
Project Name	HOOD Packaging Corp	Collection Date:	3/29/2018 7:20:00 AM
Lab ID:	1803V81-001	Matrix:	Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
Trace Elements by ICP/MS E200.8					(E200.2)			
Arsenic	BRL	5.00		ug/L	258455	1	04/05/2018 00:50	NG
Barium	36.5	10.0		ug/L	258455	1	04/05/2018 00:50	NG
Lead	3.21	1.00		ug/L	258455	1	04/05/2018 00:50	NG
Zinc	25.5	10.0		ug/L	258455	1	04/05/2018 00:50	NG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: H.M. Rollins

AES Work Order Number: 1803V81

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
5. Custody seals intact on shipping container?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
6. Temperature blanks present?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
9. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
10. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
11. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
12. TAT marked on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>	

13. Cooler 1 Temperature 2.8 °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). EDM 3/30/18

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
17. Custody seals present on sample containers?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
18. Custody seals intact on sample containers?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
19. Do sample container labels match the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
21. Were all of the samples listed on the COC received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
22. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
23. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
24. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
25. Were VOA samples received without headspace (< 1/4" bubble)?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
26. Were trip blanks submitted?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). EDM 3/30/18

This section only applies to samples where pH can be checked at Sample Receipt.

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
29. Containers meet preservation guidelines?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

I certify that I have completed sections 28-30 (dated initials). EDM 3/30/18



Client: H.M. Rollins Co.
Project Name HOOD Packaging Corp
Workorder: 1803V81

ANALYTICAL QC SUMMARY REPORT

BatchID: 258455

Sample ID: MB-258455	Client ID:	Units: ug/L	Prep Date: 04/03/2018	Run No: 367149							
SampleType: MBLK	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258455	Analysis Date: 04/04/2018	Seq No: 8124081							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	10.0									
Lead	BRL	1.00									
Zinc	BRL	10.0									

Sample ID: LCS-258455	Client ID:	Units: ug/L	Prep Date: 04/03/2018	Run No: 367149							
SampleType: LCS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258455	Analysis Date: 04/04/2018	Seq No: 8124082							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	99.31	5.00	100.0		99.3	85	115				
Barium	97.83	10.0	100.0		97.8	85	115				
Lead	98.39	1.00	100.0		98.4	85	115				
Zinc	99.98	10.0	100.0		100.0	85	115				

Sample ID: 1803T98-033AMS	Client ID:	Units: ug/L	Prep Date: 04/03/2018	Run No: 367149							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258455	Analysis Date: 04/04/2018	Seq No: 8124087							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	99.12	5.00	100.0	0.3415	98.8	70	130				
Barium	106.3	10.0	100.0	11.63	94.7	70	130				
Lead	98.17	1.00	100.0	0.3959	97.8	70	130				
Zinc	199.6	10.0	100.0	101.0	98.6	70	130				

Sample ID: 1803U68-001AMS	Client ID:	Units: ug/L	Prep Date: 04/03/2018	Run No: 367149							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258455	Analysis Date: 04/04/2018	Seq No: 8124092							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	102.0	5.00	100.0	0.9857	101	70	130				
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Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: H.M. Rollins Co.
Project Name HOOD Packaging Corp
Workorder: 1803V81

ANALYTICAL QC SUMMARY REPORT

BatchID: 258455

Sample ID: 1803U68-001AMS	Client ID:	Units: ug/L	Prep Date: 04/03/2018	Run No: 367149							
SampleType: MS	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258455	Analysis Date: 04/04/2018	Seq No: 8124092							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Barium	92.12	10.0	100.0	5.019	87.1	70	130				
Lead	107.9	1.00	100.0	6.024	102	70	130				
Zinc	269.3	10.0	100.0	156.7	113	70	130				

Sample ID: 1803T98-033AMSD	Client ID:	Units: ug/L	Prep Date: 04/03/2018	Run No: 367149							
SampleType: MSD	TestCode: Trace Elements by ICP/MS E200.8	BatchID: 258455	Analysis Date: 04/04/2018	Seq No: 8124089							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	98.57	5.00	100.0	0.3415	98.2	70	130	99.12	0.556	20	
Barium	106.9	10.0	100.0	11.63	95.3	70	130	106.3	0.571	20	
Lead	99.41	1.00	100.0	0.3959	99.0	70	130	98.17	1.25	20	
Zinc	197.5	10.0	100.0	101.0	96.6	70	130	199.6	1.03	20	

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Appendix C

HOOP Packaging

3-26-18

Time

Soil Sampling

Node 4E Located West of SB-5
 Measured 175' East and 25' North
 Marked the location of SS-1

SS-1 Concrete Pad at 16"
 Black Fill material Above
 Sample collected from 0-16"
 1010

SS-2 50' East of SS-1
 0-10" Black Sandy clay
 10-24" Tan-Gray Clayey Sand
 1100

SS-3 50' East of SS-2
 0-12" Black Sandy clay
 12-24" Tan Gray Clayey Sand
 1110

SS-4 50' South of SS-1
 0-10" Black Sandy clay
 10-24" Tan-Gray Clayey Sand
 1120

SS-5 50' East of SS-4
 0-10" Black Sandy clay
 10-24" Tan Gray Clayey Sand
 1135

3-26-18

SS-6 50' East of SS-5
 0-6" Black Sandy clay
 6-24" Tan Gray Clayey Sand
 1145

SS-7 50' East of SS-6
 0-8" Black Sandy clay
 8-24" Gray Tan Clayey Sand
 with Yellow Lenses 1200

SS-8 50' East of SS-7
 0-8" Black Sandy clay
 8-24" Gray Tan Clayey Sand
 with Yellow Lenses 1210

SS-9 50' East of SS-8
 0-8" Black Sandy clay
 8-24" Gray Tan Sandy clay 1230

SS-11 125' South 125' West
 of Node 4E 13

0-18" Black Sandy clay Fill
 with some Broken Bricks
 18-24" Tan Gray Clayey Sand
 1335

3-26-18

SS-12	50' East of SS-11		
0-10"	Black	Sandy clay	
10-24"	Grey	Clayey sand	1350
SS-13	50' East of SS-12		
0-10"	Black	Sandy clay	
10-24"	Grey	Clayey sand	1410
SS-14	50' East of SS-13		
10-6"	Black	Sandy clay	
6-12"	Yellow	Clayey sand	
12-24"	Gray Tan	Clayey sand	1425
SS-15	50' East of SS-14		
0-10"	Black	Sandy clay	
10-24"	Gray Tan	Clayey sand	1445
SS-16	50' East of SS-15		
0-8"	Black	Sandy clay	
8-16"	Orange Red	Sandy clay	
16-24"	Tan Gray	Clayey sand	1505
SS-17	50' East of SS-16		
0-12"	Black	Sandy clay	
12-24"	Gray Tan	Clayey sand	1520

3-26-18

SS-18	50' East of SS-17		
0-10"	Black	Sandy clay	
0-24"	Tan Gray	Clayey sand	1540
SS-20	50' South of SS-11		
0-10"	Black	Sandy clay	
	Tan Gray	Clayey sand	1555
		with yellow lenses	
SS-21	50' East of SS-20		
0-8"	Black	Sandy clay	
8-24"	Tan Gray	Clayey sand	1610
SS-22	50' East of SS-21		
0-6"	Black	Sandy clay	
6-24"	Tan Gray	Clayey sand	1620
SS-23	50' East of SS-22		
0-8"	Black	Sandy clay	
6-24"	Tan Gray	Clayey sand	1635
SS-24	50' East of SS-23		1650
	"	"	
SS-25	50' East of SS-24		1715
	"	"	

~~SS-24 50' East of SS-20~~

~~SS-25 50' East of SS-20~~

3-27-18

SS-29 200' West & 50' South
of SS-20
A LOT OF BRICK
Burned IN Hole 0810

SS-30 50' East of SS-29
located IN Drainage
Ditch wet clay 0825

SS-31 50' East of SS-30 0845
6" Top soil Black
Tan Sand Below

SS-32 50' East of SS-31 0900
Cemented Dark Red
Clay TO 20"

3-27-18

SS-33 50' East of SS-32
6" Red Brown Sandy clay
Tan Sand TO 24" 0925

SS-34 50' East of SS-33
8" Red Brown clay
Tan Sand TO 24" 0940

SS-35 50' East of SS-34
12" Red Brown clay
Tan Sand TO 24" 1010

SS-36 50' West of SS-35
4" Red Brown clay
4"-8" Whit + Pink clay
8"-24" Tan orange Sand 1030

SS-37 50' West of SS-36
2" Red Brown clay
2"-24" Grey Sand 1055

SS-38 50' West of SS-37
3" Red Brown clay 1130
3"-16" Brown Sand

16"-24" orange white mottled
clay

3-27-18

SS-41 50' East + 50' South of SS 291245
0-12" Gray Sand
12"-24" orange grey Tan Sand

SS-42 50' East of SS-41 1310
0-12" Gray Sandy clay
12-24" Orange gray Tan Sand

SS-43 50' East of SS-42
0-8" Dark Gray Sandy clay
8"-15" Gray Sandy clay
16-24" white, orange, yellow
Mottled clay 1330

SS-44 50' East of SS-43
0-6" Purple Red clay
6"-24" Tan Gray Sand 1355

3-27-18

SS-45 50' East of SS-44
0-8" Orange Brown white
Mottled clay
8-18" Red Purple clay
12"-24" Tan Gray Sand 1420

SS-46 50' East of SS-45
0-6" Dark Brown Sandy clay
6"-24" Tan Gray Sand 1455

SS-47 50' East of SS-46
0-18" Tan Gray sand
18"-24" White gray Sand 1515

SS-48 50' South of SS-47
0-20" Gray Sand
20-24" Yellow/gray sand 1545

SS-49 50' East of SS-48
0-12" Gray Tan Sand
12-24" Tan white sand 1605

3-27-18

SS-50 50' East of SS-49
0-16" Black-Red. Sandy clay
16"-24" White Gray Sand
Some clay 1625

SS-51 50' East of SS-50
0-12" Black Red Sandy Clay
12"-24" Gray Sand 1650

SS-52 50' East of SS-51
0-10" Orange Red Yellow Clay
Some cement
10-24" Gray Sandy clay 1710

SS-53 50' East of SS-52
0-10" Orange Yellow Sandy clay
10-24" Gray Clayey Sand 1725

3-28-18

SS-54 50' East of SS-53
0-8" Brown Black Clayey Sand
8"-24" Gray Clayey Sand 0810

3-28-18

SS-55 50' South of SS-48
0-24" Gray Sandy Fill
Material with Rubble
and Bricks 0835

SS-56 50' East of SS-55
0-24" Brown Black Fill
Blocks, Dimensional Lumber
Packed, Hand Digging 0905

SS-57 53' South of SS-50
OFFSET TEST PIT 3' SOUTH
ORIGINAL Hole Filled with
Water.

0-6" Black Red Sandy clay
6-24" Gray Clayey Sand
0930

SS-58 5" south and 40'
East SS-57
25' south and west of
MW-6 (New Reference
POINT, ADJUSTED for Drift)
TEST PIT was 6' x 5' IN
AN ATTEMPT TO find Dry
SOIL, Fill material, Busted
UP CONCRETE Slab 1035

3-28-18

SS-59 50' East of SS-58

0-12" Tan clayey sand

12-24" Gray/Tan clayey sand

1105

SS-60 50' East of SS-59

0-10" Brown Red Black sandy clay

10-24" Gray clayey sand 1130

SS-61 50' East of SS-60

0-10" Black sandy clay

10-24" Dark Gray clayey sand 1305

SS-67 50' South of SS-61

0-10" Black sandy clay

10-24" Gray Black clayey sand 1325

SS-65 50' West of SS-66

0-4" Gray Tan clayey sand

4-8" Tan clayey sand

8-14" Black clayey sand

14-24" Tan clayey sand 1350

3-28-18

SS-64 50' West of SS-67

0-12" Black sandy clay

12-24" Grey tan clayey sand 1420

SS-64 50' West of SS-65

0-12" Black sandy clay

12-24" Grey Tan clayey sand

Some minor Red 1415

SS-63 50' West of SS-64

0-12" Gray Black sandy clay

12-24" Gray Tan clayey sand

↑ ↑ ↑ 1555

Diesel Fuel Run

SS-62 50' West of SS-63

0-10" Gray Black clay/sand

10-18" Tan sandy clay

18-24" Black Gray sandy clay

SS-68 50' South of SS-63 1620

0-18" Grey Black sandy clay

18-24" Tan Gray clayey sand

1650

3-29-18

SS-69 50' East of SS-68
0-18" Black wet sandy clay
Debris/Fill
20-24" Tan Gray sandy clay
0805

SS-70 50' East of SS-69
0-18" Black wet sandy clay
Debris/Fill
20-24" Tan Gray sandy clay
0830

SS-71 50' East of SS-70
0-24" Black Fill sandy clay
Wet
0910

SS-72 48' East of SS-71
ON Edge of Drainage
0-17" Black wet loose clay
17-24" Tan sand fine
0945

SS-74 50' South of SS-70
0-4" Black sandy clay
4-8" Tan sand fine
8-24" Black wet clay
1005

3-29-18

SS-75 50' East of SS-74
0-5" Black loose sandy clay
5-8" Tan clayey sand
8-18" Dark Brown clayey sand
mottled with orange and
Dark Red
1025

SS-73 50' West of SS-74
0-24" Dark Gray sandy clay
with minor lenses of
Tan clayey sand
1040

SS-24 50' East of SS-25
0-6" Dark Brown sandy clay loose
6-12" Tan clayey sand
12-18" Red clayey sand
18-24" Brown clayey sand
Some interbedding + lenses
1100

SS-28 100' East of SS-26
0-9" Brown sandy clay
9-12" Yellow sandy clay
12-15" Tan clayey sand
15-24" Dark Brown clayey sand
1130

3-29-18

SS-10 50' South of SS-27
0-12" Brown Sandy clay
12-16" Orange Red Sandy clay
16-24" Tan clayey sand
1145

S-5-19 50' East of SS-18
0-8" Brown Sandy clay
8-16" Brown Tan clayey sand
16-17" Black cemented clay
17-24" Brown Sand Fine
1205

SS-10 50' East of SS-9
0-10" Brown Sandy clay
10-12" Red Purple clay cemented
12-24" Tan clayey sand
1220

SS-27 50' East of SS-26
In Drainage Ditch
Collected w/ Hand Auger
0-24" Grey Fine Sand Wet
1245

3-29-18

SS-39 50' East of SS-38
In Drainage Ditch
Collected w/ Hand Auger
0-8" Grey Fine Sand
8-24" Grey Orange Yellow
Mottled clay Wet
1305

Appendix D



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

April 10, 2018

M. Rollins
H.M. Rollins Co.

608 34th St
Gulfport MS 39501

RE: Hood Packaging Corp.

Dear M. Rollins:

Order No: 1803V89

Analytical Environmental Services, Inc. received 75 samples on 3/30/2018 4:54:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/17-06/30/18. State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms/ E. coli, effective 04/25/17-04/24/20.

-NELAP/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/19.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Paris Masoudi

Paris Masoudi
Project Manager



CHAIN OF CUSTODY

COMPANY: H.M. Rollins Co.		ADDRESS: 608 34th Street, Gulfport, MS 39501				ANALYSIS REQUESTED								Visit our website www.aesatlanta.com for downloadable COCs and log in to your AESAccess account.		Number of Containers		
PHONE: (478) 804-2355		EMAIL:				Arsenic Barium Lead Zinc												
SAMPLED BY: Joe M'Voy		SIGNATURE: Joe M'Voy				PRESERVATION (see codes)								REMARKS				
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)												
1	SS-15	3-26-18	1415	X		SO	X	X	X	X								
2	SS-16	3-26-18	1505	X		SO	X	X	X	X								
3	SS-17	3-26-18	1520	X		SO	X	X	X	X								
4	SS-18	3-26-18	1540	X		SO	X	X	X	X								
5	SS-19	3-29-18	1205	X		SO	X	X	X	X								
6	SS-20	3-26-18	1555	X		SO	X	X	X	X								
7	SS-21	3-26-18	1610	X		SO	X	X	X	X								
8	SS-22	3-26-18	1620	X		SO	X	X	X	X								
9	SS-23	3-26-18	1635	X		SO	X	X	X	X								
10	SS-24	3-26-18	1650	X		SO	X	X	X	X								
11	SS-25	3-26-18	1715	X		SO	X	X	X	X								
12	SS-26	3-29-18	1100	X		SO	X	X	X	X								
13	SS-27	3-29-18	1245	X		SO	X	X	X	X								
14	SS-28	3-29-18	1130	X		SO	X	X	X	X								
RELINQUISHED BY: Joe M'Voy		DATE/TIME: 3-30-18 1654		RECEIVED BY: Essence Moore		DATE/TIME: 3-30-18 16:54		PROJECT INFORMATION: Hood Packaging Corp.								RECEIPT: Total # of Containers		Turnaround Time (TAT) Request <input checked="" type="checkbox"/> Standard 5 Business Days <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input type="checkbox"/> Other _____
PROJECT NAME:		PROJECT #:		SITE ADDRESS: River Street Valdosta, GA		SEND REPORT TO:		INVOICE TO: (IF DIFFERENT FROM ABOVE) P.O. Box 3471 Gulfport MS 39505								STATE PROGRAM (if any):		
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD: OUT: / / IN: client		VIA: FedEx		other: UPS US mail courier Greyhound		QUOTE #:								PO#: DATA PACKAGE: I O II O III O IV O		

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.



CHAIN OF CUSTODY

COMPANY: H.M. Rollins CO.		ADDRESS: 608 34th Street, Gulfport, MS 39501			ANALYSIS REQUESTED										Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.	Number of Containers						
PHONE: (478) 804-2355		EMAIL:			Arsenic	Barium	Lead	Zinc	PRESERVATION (see codes)										REMARKS			
SAMPLED BY: Joe M'Vay		SIGNATURE: Joe M'Vay																				
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)																
1	SS-57	3-28-18	0930	X		SO	X	X	X	X												
2	SS-58	3-28-18	1035	X		SO	X	X	X	X												
3	SS-59	3-28-18	1105	X		SO	X	X	X	X												
4	SS-60	3-28-18	1130	X		SO	X	X	X	X												
5	SS-61	3-28-18	1305	X		SO	X	X	X	X												
6	SS-62	3-28-18	1620	X		SO	X	X	X	X												
7	SS-63	3-28-18	1555	X		SO	X	X	X	X												
8	SS-64	3-28-18	1445	X		SO	X	X	X	X												
9	SS-65	3-28-18	1350	X		SO	X	X	X	X												
10	SS-66	3-28-18	1420	X		SO	X	X	X	X												
11	SS-67	3-28-18	1325	X		SO	X	X	X	X												
12	SS-68	3-28-18	1650	X		SO	X	X	X	X												
13	SS-69	3-29-18	0805	X		SO	X	X	X	X												
14	SS-70	3-29-18	0830	X		SO	X	X	X	X												
RELINQUISHED BY: Joe M'Vay		DATE/TIME: 3-30-18 1654		RECEIVED BY: Essence Moore		DATE/TIME: 3-30-18 16:57		PROJECT INFORMATION										RECEIPT				
1.				1.				PROJECT NAME: Hood Packaging Corp.										Total # of Containers				
2.				2.				PROJECT #: _____										Turnaround Time (TAT) Request				
3.				3.				SITE ADDRESS: River Street Valdosta, GA										<input checked="" type="checkbox"/> Standard 5 Business Days				
								SEND REPORT TO: _____										<input type="checkbox"/> 2 Business Day Rush				
								INVOICE TO: (IF DIFFERENT FROM ABOVE) P.O. Box 3471 Gulfport MS 39505										<input type="checkbox"/> Next Business Day Rush				
								QUOTE #: _____ PO#: _____										<input type="checkbox"/> Same-Day Rush (auth req.)				
								SHIPMENT METHOD										<input type="checkbox"/> Other _____				
								OUT: / / VIA: _____										STATE PROGRAM (if any): _____				
								IN: / / VIA: _____										E-mail? <input type="checkbox"/> Fax? <input type="checkbox"/>				
								client FedEx UPS US mail courier Greyhound										DATA PACKAGE: I O II O III O IV O				
								other: _____														

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.



CHAIN OF CUSTODY

COMPANY: <u>H.M. Rollins CO.</u>		ADDRESS: <u>608 34th Street Gulfport, MS 39501</u>				ANALYSIS REQUESTED								Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AES Access account.	Number of Containers																																									
PHONE: <u>(478) 804-2355</u>		EMAIL:				Arsenic Barium Lead Zinc	<table border="1" style="width:100%; height: 100%; border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																	
SAMPLED BY: <u>[Signature]</u>		SIGNATURE: <u>[Signature]</u>				PRESERVATION (see codes)																																																		
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)								REMARKS																																									
		DATE	TIME																																																					
1	SS-71	3-29-18	0910	X		SO	X	X	X	X																																														
2	SS-72	3-29-18	0945	X		SO	X	X	X	X																																														
3	SS-73	3-29-18	1040	X		SO	X	X	X	X																																														
4	SS-74	3-29-18	1005	X		SO	X	X	X	X																																														
5	SS-75	3-29-18	1025	X		SO	X	X	X	X																																														
6				X		SO	X	X	X	X																																														
7				X		SO	X	X	X	X																																														
8				X		SO	X	X	X	X																																														
9				X		SO	X	X	X	X																																														
10				X		SO	X	X	X	X																																														
11				X		SO	X	X	X	X																																														
12				X		SO	X	X	X	X																																														
13				X		SO	X	X	X	X																																														
14				X		SO	X	X	X	X																																														
RELINQUISHED BY: <u>[Signature]</u>		DATE/TIME: <u>3-30-18 16:54</u>		RECEIVED BY: <u>Essence Moore</u>		DATE/TIME: <u>3-30-18 16:54</u>		PROJECT INFORMATION								RECEIPT																																								
1. <u>[Signature]</u>				2.				PROJECT NAME: <u>Hood Packaging Corp.</u>								Total # of Containers																																								
2.				3.				PROJECT #: _____								<u>Turnaround Time (TAT) Request</u> <input checked="" type="checkbox"/> Standard 5 Business Days <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input type="checkbox"/> Other _____																																								
3.								SITE ADDRESS: <u>River Street Valdosta, GA</u>																																																
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		INVOICE TO:		QUOTE #:		SEND REPORT TO:								POH: _____																																								
		OUT: / / VIA: _____		IN: <u>client</u> / / VIA: _____		P.O. Box 3471		INVOICE TO: (IF DIFFERENT FROM ABOVE) <u>Gulfport MS 39505</u>								STATE PROGRAM (if any): _____																																								
		other: _____		client FedEx UPS US mail courier Greyhound		Gulfport MS 39505										E-mail? <input type="checkbox"/> Fax? <input type="checkbox"/>																																								
																DATA PACKAGE: I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/>																																								

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Client: H.M. Rollins Co.
Project: Hood Packaging Corp.
Lab ID: 1803V89

Case Narrative

Sample Receiving Non-conformance:

Page 7 of 7, of the chain of custody (COC), was not received. Nevertheless, no missing samples were identified. In addition, sample information, on the COC, did not match that on the bags for samples 1803V89-014, -028, and -037. For sample -014, collection time, on the COC, is listed as 14:45 whereas, on the bag, it is 14:25. For sample -028, collection date, on the COC, is listed as 3-29-18 whereas, on the bag, it is 3-28-18. For sample -037, collection date, on the COC, is listed as 3-27-18 whereas, on the bag, it is 2-27-18. Samples logged in according to the COC.

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-1
Project Name: Hood Packaging Corp.	Collection Date: 3/26/2018 10:40:00 AM
Lab ID: 1803V89-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D								
					(SW3050B)			
Arsenic	16.1	4.54		mg/Kg-dry	258460	1	04/04/2018 14:56	IO
Barium	104	4.54		mg/Kg-dry	258460	1	04/04/2018 14:56	IO
Lead	187	4.54		mg/Kg-dry	258460	1	04/04/2018 14:56	IO
Zinc	116	4.54		mg/Kg-dry	258460	1	04/04/2018 14:56	IO
PERCENT MOISTURE D2216								
Percent Moisture	14.4	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-2
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 11:00:00 AM
Lab ID:	1803V89-002	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D								
PERCENT MOISTURE D2216								

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-3
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 11:10:00 AM
Lab ID:	1803V89-003	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	132	4.75		mg/Kg-dry	258460	1	04/04/2018 15:02	IO
Barium	122	4.75		mg/Kg-dry	258460	1	04/04/2018 15:02	IO
Lead	207	4.75		mg/Kg-dry	258460	1	04/04/2018 15:02	IO
Zinc	48.1	4.75		mg/Kg-dry	258460	1	04/04/2018 15:02	IO
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-4
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 11:20:00 AM
Lab ID:	1803V89-004	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	42.0	4.62		mg/Kg-dry	258460	1	04/04/2018 15:05	IO
Barium	212	4.62		mg/Kg-dry	258460	1	04/04/2018 15:05	IO
Lead	384	4.62		mg/Kg-dry	258460	1	04/04/2018 15:05	IO
Zinc	610	46.2		mg/Kg-dry	258460	10	04/06/2018 13:07	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.8	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-5
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 11:35:00 AM
Lab ID:	1803V89-005	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	39.7	3.39		mg/Kg-dry	258460	1	04/04/2018 15:09	IO
Barium	280	3.39		mg/Kg-dry	258460	1	04/04/2018 15:09	IO
Lead	211	3.39		mg/Kg-dry	258460	1	04/04/2018 15:09	IO
Zinc	116	3.39		mg/Kg-dry	258460	1	04/04/2018 15:09	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.4	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-6
Project Name: Hood Packaging Corp.	Collection Date: 3/26/2018 11:45:00 AM
Lab ID: 1803V89-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	7.62	2.98		mg/Kg-dry	258460	1	04/04/2018 15:12	IO
Barium	65.9	2.98		mg/Kg-dry	258460	1	04/04/2018 15:12	IO
Lead	439	2.98		mg/Kg-dry	258460	1	04/04/2018 15:12	IO
Zinc	30.8	2.98		mg/Kg-dry	258460	1	04/04/2018 15:12	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.1	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-7
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 12:00:00 PM
Lab ID:	1803V89-007	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	8.00	2.83		mg/Kg-dry	258460	1	04/04/2018 15:22	IO
Barium	44.3	2.83		mg/Kg-dry	258460	1	04/04/2018 15:22	IO
Lead	21.9	2.83		mg/Kg-dry	258460	1	04/04/2018 15:22	IO
Zinc	36.6	2.83		mg/Kg-dry	258460	1	04/04/2018 15:22	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.73	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-8
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 12:10:00 PM
Lab ID:	1803V89-008	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	28.5	5.04		mg/Kg-dry	258460	1	04/04/2018 15:25	IO
Barium	190	5.04		mg/Kg-dry	258460	1	04/04/2018 15:25	IO
Lead	94.0	5.04		mg/Kg-dry	258460	1	04/04/2018 15:25	IO
Zinc	83.6	5.04		mg/Kg-dry	258460	1	04/04/2018 15:25	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.3	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-9
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 12:30:00 PM
Lab ID:	1803V89-009	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	27.0	3.16		mg/Kg-dry	258460	1	04/04/2018 15:28	IO
Barium	230	3.16		mg/Kg-dry	258460	1	04/04/2018 15:28	IO
Lead	180	3.16		mg/Kg-dry	258460	1	04/04/2018 15:28	IO
Zinc	118	3.16		mg/Kg-dry	258460	1	04/04/2018 15:28	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.29	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-10
Project Name: Hood Packaging Corp.	Collection Date: 3/29/2018 12:20:00 PM
Lab ID: 1803V89-010	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	27.8	3.13		mg/Kg-dry	258461	1	04/04/2018 20:01	IO
Barium	199	3.13		mg/Kg-dry	258461	1	04/04/2018 20:01	IO
Lead	81.1	3.13		mg/Kg-dry	258461	1	04/04/2018 20:01	IO
Zinc	44.3	3.13		mg/Kg-dry	258461	1	04/04/2018 20:01	IO
PERCENT MOISTURE D2216								
Percent Moisture	8.90	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-11
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 1:35:00 PM
Lab ID:	1803V89-011	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	165	3.12		mg/Kg-dry	258461	1	04/04/2018 20:30	IO
Barium	1090	31.2		mg/Kg-dry	258461	10	04/06/2018 10:51	IO
Lead	1660	3.12		mg/Kg-dry	258461	1	04/04/2018 20:30	IO
Zinc	1630	31.2		mg/Kg-dry	258461	10	04/06/2018 10:51	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.1	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-12
Project Name: Hood Packaging Corp.	Collection Date: 3/26/2018 1:50:00 PM
Lab ID: 1803V89-012	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	12.6	3.10		mg/Kg-dry	258461	1	04/04/2018 20:37	IO
Barium	2190	31.0		mg/Kg-dry	258461	10	04/06/2018 11:02	IO
Lead	1680	3.10		mg/Kg-dry	258461	1	04/04/2018 20:37	IO
Zinc	79.3	3.10		mg/Kg-dry	258461	1	04/04/2018 20:37	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-13
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 2:10:00 PM
Lab ID:	1803V89-013	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	95.7	3.15		mg/Kg-dry	258461	1	04/04/2018 20:43	IO
Barium	263	3.15		mg/Kg-dry	258461	1	04/04/2018 20:43	IO
Lead	522	3.15		mg/Kg-dry	258461	1	04/04/2018 20:43	IO
Zinc	536	31.5		mg/Kg-dry	258461	10	04/06/2018 11:06	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.1	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-14
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 2:45:00 PM
Lab ID:	1803V89-014	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	19.3	3.72		mg/Kg-dry	258461	1	04/04/2018 20:47	IO
Barium	57.2	3.72		mg/Kg-dry	258461	1	04/04/2018 20:47	IO
Lead	88.2	3.72		mg/Kg-dry	258461	1	04/04/2018 20:47	IO
Zinc	149	3.72		mg/Kg-dry	258461	1	04/04/2018 20:47	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.89	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-15
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 2:45:00 PM
Lab ID:	1803V89-015	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	518	40.6		mg/Kg-dry	258461	10	04/06/2018 11:09	IO
Barium	158	4.06		mg/Kg-dry	258461	1	04/04/2018 20:51	IO
Lead	2450	4.06		mg/Kg-dry	258461	1	04/04/2018 20:51	IO
Zinc	2840	40.6		mg/Kg-dry	258461	10	04/06/2018 11:09	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.3	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-16
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 3:05:00 PM
Lab ID:	1803V89-016	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	23.0	3.08		mg/Kg-dry	258461	1	04/04/2018 20:54	IO
Barium	103	3.08		mg/Kg-dry	258461	1	04/04/2018 20:54	IO
Lead	109	3.08		mg/Kg-dry	258461	1	04/04/2018 20:54	IO
Zinc	27.9	3.08		mg/Kg-dry	258461	1	04/04/2018 20:54	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.0	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-17
Project Name: Hood Packaging Corp.	Collection Date: 3/26/2018 3:20:00 PM
Lab ID: 1803V89-017	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	75.7	3.72		mg/Kg-dry	258461	1	04/04/2018 20:58	IO
Barium	193	3.72		mg/Kg-dry	258461	1	04/04/2018 20:58	IO
Lead	269	3.72		mg/Kg-dry	258461	1	04/04/2018 20:58	IO
Zinc	33.2	3.72		mg/Kg-dry	258461	1	04/04/2018 20:58	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.0	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-18
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 3:40:00 PM
Lab ID:	1803V89-018	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	42.6	3.11		mg/Kg-dry	258461	1	04/04/2018 21:02	IO
Barium	213	3.11		mg/Kg-dry	258461	1	04/04/2018 21:02	IO
Lead	328	3.11		mg/Kg-dry	258461	1	04/04/2018 21:02	IO
Zinc	29.6	3.11		mg/Kg-dry	258461	1	04/04/2018 21:02	IO
PERCENT MOISTURE D2216								
Percent Moisture	7.82	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-19
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 12:05:00 PM
Lab ID:	1803V89-019	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	72.3	3.79		mg/Kg-dry	258461	1	04/04/2018 21:07	IO
Barium	544	37.9		mg/Kg-dry	258461	10	04/06/2018 11:19	IO
Lead	2700	3.79		mg/Kg-dry	258461	1	04/04/2018 21:07	IO
Zinc	67.7	3.79		mg/Kg-dry	258461	1	04/04/2018 21:07	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-20
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 3:55:00 PM
Lab ID:	1803V89-020	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	93.7	5.01		mg/Kg-dry	258461	1	04/04/2018 21:18	IO
Barium	896	50.1		mg/Kg-dry	258461	10	04/06/2018 11:23	IO
Lead	223	5.01		mg/Kg-dry	258461	1	04/04/2018 21:18	IO
Zinc	150	5.01		mg/Kg-dry	258461	1	04/04/2018 21:18	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.36	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-21
Project Name: Hood Packaging Corp.	Collection Date: 3/26/2018 4:10:00 PM
Lab ID: 1803V89-021	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	82.8	2.97		mg/Kg-dry	258461	1	04/04/2018 21:24	IO
Barium	544	29.7		mg/Kg-dry	258461	10	04/06/2018 11:27	IO
Lead	527	2.97		mg/Kg-dry	258461	1	04/04/2018 21:24	IO
Zinc	279	2.97		mg/Kg-dry	258461	1	04/04/2018 21:24	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-22
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 4:20:00 PM
Lab ID:	1803V89-022	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	10.6	3.40		mg/Kg-dry	258461	1	04/04/2018 21:28	IO
Barium	1200	67.9		mg/Kg-dry	258461	20	04/09/2018 22:18	IO
Lead	628	3.40		mg/Kg-dry	258461	1	04/04/2018 21:28	IO
Zinc	506	67.9		mg/Kg-dry	258461	20	04/09/2018 22:18	IO
PERCENT MOISTURE D2216								
Percent Moisture	6.51	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-23
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 4:35:00 PM
Lab ID:	1803V89-023	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	48.5	3.69		mg/Kg-dry	258461	1	04/04/2018 21:33	IO
Barium	342	3.69		mg/Kg-dry	258461	1	04/04/2018 21:33	IO
Lead	368	3.69		mg/Kg-dry	258461	1	04/04/2018 21:33	IO
Zinc	322	3.69		mg/Kg-dry	258461	1	04/04/2018 21:33	IO
PERCENT MOISTURE D2216								
Percent Moisture	9.64	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-24
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 4:50:00 PM
Lab ID:	1803V89-024	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	113	4.67		mg/Kg-dry	258461	1	04/04/2018 21:37	IO
Barium	315	4.67		mg/Kg-dry	258461	1	04/04/2018 21:37	IO
Lead	554	4.67		mg/Kg-dry	258461	1	04/04/2018 21:37	IO
Zinc	451	4.67		mg/Kg-dry	258461	1	04/04/2018 21:37	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.6	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-25
Project Name	Hood Packaging Corp.	Collection Date:	3/26/2018 5:15:00 PM
Lab ID:	1803V89-025	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	52.1	4.39		mg/Kg-dry	258461	1	04/04/2018 21:41	IO
Barium	567	43.9		mg/Kg-dry	258461	10	04/06/2018 11:30	IO
Lead	612	4.39		mg/Kg-dry	258461	1	04/04/2018 21:41	IO
Zinc	97.7	4.39		mg/Kg-dry	258461	1	04/04/2018 21:41	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.9	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-26
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 11:00:00 AM
Lab ID:	1803V89-026	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	75.8	3.86		mg/Kg-dry	258461	1	04/04/2018 21:45	IO
Barium	480	38.6		mg/Kg-dry	258461	10	04/06/2018 11:34	IO
Lead	569	3.86		mg/Kg-dry	258461	1	04/04/2018 21:45	IO
Zinc	116	3.86		mg/Kg-dry	258461	1	04/04/2018 21:45	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.2	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-27
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 12:45:00 PM
Lab ID:	1803V89-027	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	84.2	3.44		mg/Kg-dry	258461	1	04/04/2018 21:49	IO
Barium	320	3.44		mg/Kg-dry	258461	1	04/04/2018 21:49	IO
Lead	419	3.44		mg/Kg-dry	258461	1	04/04/2018 21:49	IO
Zinc	325	3.44		mg/Kg-dry	258461	1	04/04/2018 21:49	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-28
Project Name: Hood Packaging Corp.	Collection Date: 3/29/2018 11:30:00 AM
Lab ID: 1803V89-028	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	38.8	3.45		mg/Kg-dry	258461	1	04/04/2018 21:56	IO
Barium	260	3.45		mg/Kg-dry	258461	1	04/04/2018 21:56	IO
Lead	180	3.45		mg/Kg-dry	258461	1	04/04/2018 21:56	IO
Zinc	50.2	3.45		mg/Kg-dry	258461	1	04/04/2018 21:56	IO
PERCENT MOISTURE D2216								
Percent Moisture	8.70	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-29
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 8:10:00 AM
Lab ID:	1803V89-029	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	59.4	2.90		mg/Kg-dry	258461	1	04/04/2018 22:00	IO
Barium	617	29.0		mg/Kg-dry	258461	10	04/06/2018 11:38	IO
Lead	1350	2.90		mg/Kg-dry	258461	1	04/04/2018 22:00	IO
Zinc	76.5	2.90		mg/Kg-dry	258461	1	04/04/2018 22:00	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.5	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

*	Value exceeds maximum contaminant level	E	Estimated (value above quantitation range)
BRL	Below reporting limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See case narrative
N	Analyte not NELAC certified	NC	Not confirmed
B	Analyte detected in the associated method blank	<	Less than Result value
>	Greater than Result value	J	Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-30
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 8:25:00 AM
Lab ID:	1803V89-030	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	166	3.52		mg/Kg-dry	258462	1	04/04/2018 17:44	JR
Barium	108	3.52		mg/Kg-dry	258462	1	04/04/2018 17:44	JR
Lead	184	3.52		mg/Kg-dry	258462	1	04/04/2018 17:44	JR
Zinc	46.3	3.52		mg/Kg-dry	258462	1	04/04/2018 17:44	JR
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-31
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 8:45:00 AM
Lab ID:	1803V89-031	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	53.9	4.64		mg/Kg-dry	258462	1	04/04/2018 18:01	JR
Barium	179	4.64		mg/Kg-dry	258462	1	04/04/2018 18:01	JR
Lead	169	4.64		mg/Kg-dry	258462	1	04/04/2018 18:01	JR
Zinc	47.4	4.64		mg/Kg-dry	258462	1	04/04/2018 18:01	JR
PERCENT MOISTURE D2216								
Percent Moisture	10.2	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-32
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 9:00:00 AM
Lab ID:	1803V89-032	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	648	3.55		mg/Kg-dry	258462	1	04/04/2018 18:04	JR
Barium	849	71.0		mg/Kg-dry	258462	20	04/09/2018 21:28	JR
Lead	13700	71.0		mg/Kg-dry	258462	20	04/09/2018 21:28	JR
Zinc	887	71.0		mg/Kg-dry	258462	20	04/09/2018 21:28	JR
PERCENT MOISTURE D2216								
Percent Moisture	18.6	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-33
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 9:25:00 AM
Lab ID:	1803V89-033	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	136	3.01		mg/Kg-dry	258462	1	04/04/2018 18:07	JR
Barium	695	60.3		mg/Kg-dry	258462	20	04/09/2018 21:31	JR
Lead	374	3.01		mg/Kg-dry	258462	1	04/04/2018 18:07	JR
Zinc	66.3	3.01		mg/Kg-dry	258462	1	04/04/2018 18:07	JR
PERCENT MOISTURE D2216								
Percent Moisture	9.79	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-34
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 9:40:00 AM
Lab ID:	1803V89-034	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	311	3.48		mg/Kg-dry	258462	1	04/04/2018 18:11	JR
Barium	1070	69.5		mg/Kg-dry	258462	20	04/09/2018 21:34	JR
Lead	1040	3.48		mg/Kg-dry	258462	1	04/04/2018 18:11	JR
Zinc	616	69.5		mg/Kg-dry	258462	20	04/09/2018 21:34	JR
PERCENT MOISTURE D2216								
Percent Moisture	8.78	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-35
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 10:10:00 AM
Lab ID:	1803V89-035	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	32.0	3.39		mg/Kg-dry	258462	1	04/04/2018 18:20	JR
Barium	1100	67.8		mg/Kg-dry	258462	20	04/09/2018 21:38	JR
Lead	1560	3.39		mg/Kg-dry	258462	1	04/04/2018 18:20	JR
Zinc	107	3.39		mg/Kg-dry	258462	1	04/04/2018 18:20	JR
PERCENT MOISTURE D2216								
Percent Moisture	7.55	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-36
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 10:30:00 AM
Lab ID:	1803V89-036	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	88.4	3.86		mg/Kg-dry	258462	1	04/04/2018 18:24	JR
Barium	548	77.3		mg/Kg-dry	258462	20	04/09/2018 21:41	JR
Lead	314	3.86		mg/Kg-dry	258462	1	04/04/2018 18:24	JR
Zinc	84.2	3.86		mg/Kg-dry	258462	1	04/04/2018 18:24	JR
PERCENT MOISTURE D2216								
Percent Moisture	9.61	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-37
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 10:55:00 AM
Lab ID:	1803V89-037	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	18.0	4.12		mg/Kg-dry	258462	1	04/04/2018 18:27	JR
Barium	229	4.12		mg/Kg-dry	258462	1	04/04/2018 18:27	JR
Lead	649	4.12		mg/Kg-dry	258462	1	04/04/2018 18:27	JR
Zinc	42.8	4.12		mg/Kg-dry	258462	1	04/04/2018 18:27	JR
PERCENT MOISTURE D2216								
Percent Moisture	8.98	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-39
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 1:05:00 PM
Lab ID:	1803V89-039	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	7.03	4.11		mg/Kg-dry	258462	1	04/04/2018 18:33	JR
Barium	133	4.11		mg/Kg-dry	258462	1	04/04/2018 18:33	JR
Lead	56.8	4.11		mg/Kg-dry	258462	1	04/04/2018 18:33	JR
Zinc	30.8	4.11		mg/Kg-dry	258462	1	04/04/2018 18:33	JR
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-40
Project Name: Hood Packaging Corp.	Collection Date: 3/29/2018 11:45:00 AM
Lab ID: 1803V89-040	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	40.1	3.57		mg/Kg-dry	258462	1	04/04/2018 18:37	JR
Barium	297	3.57		mg/Kg-dry	258462	1	04/04/2018 18:37	JR
Lead	132	3.57		mg/Kg-dry	258462	1	04/04/2018 18:37	JR
Zinc	93.4	3.57		mg/Kg-dry	258462	1	04/04/2018 18:37	JR
PERCENT MOISTURE D2216								
Percent Moisture	10.3	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-41
Project Name: Hood Packaging Corp.	Collection Date: 3/27/2018 12:45:00 PM
Lab ID: 1803V89-041	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D								
					(SW3050B)			
Arsenic	13.6	5.32		mg/Kg-dry	258462	1	04/04/2018 18:40	JR
Barium	215	5.32		mg/Kg-dry	258462	1	04/04/2018 18:40	JR
Lead	727	5.32		mg/Kg-dry	258462	1	04/04/2018 18:40	JR
Zinc	166	5.32		mg/Kg-dry	258462	1	04/04/2018 18:40	JR
PERCENT MOISTURE D2216								
Percent Moisture	24.9	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-42
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 1:10:00 PM
Lab ID:	1803V89-042	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	136	3.63		mg/Kg-dry	258462	1	04/04/2018 18:43	JR
Barium	283	3.63		mg/Kg-dry	258462	1	04/04/2018 18:43	JR
Lead	726	3.63		mg/Kg-dry	258462	1	04/04/2018 18:43	JR
Zinc	28.2	3.63		mg/Kg-dry	258462	1	04/04/2018 18:43	JR
PERCENT MOISTURE D2216								
Percent Moisture	11.2	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-43
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 1:30:00 PM
Lab ID:	1803V89-043	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	253	3.45		mg/Kg-dry	258462	1	04/04/2018 18:47	JR
Barium	534	69.1		mg/Kg-dry	258462	20	04/09/2018 21:54	JR
Lead	2190	3.45		mg/Kg-dry	258462	1	04/04/2018 18:47	JR
Zinc	57.3	3.45		mg/Kg-dry	258462	1	04/04/2018 18:47	JR
PERCENT MOISTURE D2216								
Percent Moisture	14.3	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-44
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 1:55:00 PM
Lab ID:	1803V89-044	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	380	4.52		mg/Kg-dry	258462	1	04/04/2018 18:50	JR
Barium	647	90.5		mg/Kg-dry	258462	20	04/09/2018 21:57	JR
Lead	3190	4.52		mg/Kg-dry	258462	1	04/04/2018 18:50	JR
Zinc	96.0	4.52		mg/Kg-dry	258462	1	04/04/2018 18:50	JR
PERCENT MOISTURE D2216								
Percent Moisture	16.3	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-45
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 2:20:00 PM
Lab ID:	1803V89-045	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	103	3.46		mg/Kg-dry	258462	1	04/04/2018 19:00	JR
Barium	565	69.2		mg/Kg-dry	258462	20	04/09/2018 22:01	JR
Lead	929	3.46		mg/Kg-dry	258462	1	04/04/2018 19:00	JR
Zinc	64.7	3.46		mg/Kg-dry	258462	1	04/04/2018 19:00	JR
PERCENT MOISTURE D2216								
Percent Moisture	13.8	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-47
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 3:15:00 PM
Lab ID:	1803V89-047	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	18.4	4.11		mg/Kg-dry	258462	1	04/04/2018 19:06	JR
Barium	157	4.11		mg/Kg-dry	258462	1	04/04/2018 19:06	JR
Lead	1030	4.11		mg/Kg-dry	258462	1	04/04/2018 19:06	JR
Zinc	52.2	4.11		mg/Kg-dry	258462	1	04/04/2018 19:06	JR
PERCENT MOISTURE D2216								
Percent Moisture	10.8	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-49
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 4:05:00 PM
Lab ID:	1803V89-049	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	98.2	4.41		mg/Kg-dry	258462	1	04/04/2018 19:13	JR
Barium	100	88.2		mg/Kg-dry	258462	20	04/09/2018 22:04	JR
Lead	3130	4.41		mg/Kg-dry	258462	1	04/04/2018 19:13	JR
Zinc	48.9	4.41		mg/Kg-dry	258462	1	04/04/2018 19:13	JR
PERCENT MOISTURE D2216								
Percent Moisture	14.3	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: H.M. Rollins Co.	Client Sample ID: SS-50
Project Name: Hood Packaging Corp.	Collection Date: 3/27/2018 4:25:00 PM
Lab ID: 1803V89-050	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	268	3.18		mg/Kg-dry	258492	1	04/06/2018 13:28	JR
Barium	62.2	3.18		mg/Kg-dry	258492	1	04/06/2018 13:28	JR
Lead	10800	63.5		mg/Kg-dry	258492	20	04/09/2018 22:07	JR
Zinc	829	63.5		mg/Kg-dry	258492	20	04/09/2018 22:07	JR
PERCENT MOISTURE D2216								
Percent Moisture	15.9	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-51
Project Name	Hood Packaging Corp.	Collection Date:	3/27/2018 4:50:00 PM
Lab ID:	1803V89-051	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	64.5	3.53		mg/Kg-dry	258492	1	04/06/2018 13:44	JR
Barium	172	3.53		mg/Kg-dry	258492	1	04/06/2018 13:44	JR
Lead	1680	3.53		mg/Kg-dry	258492	1	04/06/2018 13:44	JR
Zinc	65.1	3.53		mg/Kg-dry	258492	1	04/06/2018 13:44	JR
PERCENT MOISTURE D2216								
Percent Moisture	16.3	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-54
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 8:10:00 AM
Lab ID:	1803V89-054	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	11.3	2.99		mg/Kg-dry	258492	1	04/06/2018 14:01	JR
Barium	218	2.99		mg/Kg-dry	258492	1	04/06/2018 14:01	JR
Lead	3830	2.99		mg/Kg-dry	258492	1	04/06/2018 14:01	JR
Zinc	38.4	2.99		mg/Kg-dry	258492	1	04/06/2018 14:01	JR
PERCENT MOISTURE D2216								
Percent Moisture	9.54	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-55
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 8:35:00 AM
Lab ID:	1803V89-055	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	47.6	3.99		mg/Kg-dry	258492	1	04/06/2018 14:04	JR
Barium	298	3.99		mg/Kg-dry	258492	1	04/06/2018 14:04	JR
Lead	13700	79.8		mg/Kg-dry	258492	20	04/09/2018 22:20	JR
Zinc	10.8	3.99		mg/Kg-dry	258492	1	04/06/2018 14:04	JR
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-59
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 11:05:00 AM
Lab ID:	1803V89-059	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	85.6	3.62		mg/Kg-dry	258492	1	04/06/2018 14:17	JR
Barium	14.9	3.62		mg/Kg-dry	258492	1	04/06/2018 14:17	JR
Lead	50.9	3.62		mg/Kg-dry	258492	1	04/06/2018 14:17	JR
Zinc	BRL	3.62		mg/Kg-dry	258492	1	04/06/2018 14:17	JR
PERCENT MOISTURE D2216								
Percent Moisture	12.1	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-60
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 11:30:00 AM
Lab ID:	1803V89-060	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	63.5	3.60		mg/Kg-dry	258492	1	04/06/2018 14:20	JR
Barium	281	3.60		mg/Kg-dry	258492	1	04/06/2018 14:20	JR
Lead	2960	3.60		mg/Kg-dry	258492	1	04/06/2018 14:20	JR
Zinc	92.8	3.60		mg/Kg-dry	258492	1	04/06/2018 14:20	JR
PERCENT MOISTURE D2216								
Percent Moisture	19.5	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-61
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 1:05:00 PM
Lab ID:	1803V89-061	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	154	3.52		mg/Kg-dry	258492	1	04/06/2018 14:24	JR
Barium	457	70.4		mg/Kg-dry	258492	20	04/09/2018 22:33	JR
Lead	6380	3.52		mg/Kg-dry	258492	1	04/06/2018 14:24	JR
Zinc	130	3.52		mg/Kg-dry	258492	1	04/06/2018 14:24	JR
PERCENT MOISTURE D2216								
Percent Moisture	26.4	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-62
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 4:20:00 PM
Lab ID:	1803V89-062	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	49.8	4.86		mg/Kg-dry	258492	1	04/06/2018 14:27	JR
Barium	678	97.2		mg/Kg-dry	258492	20	04/09/2018 22:37	JR
Lead	1910	4.86		mg/Kg-dry	258492	1	04/06/2018 14:27	JR
Zinc	535	97.2		mg/Kg-dry	258492	20	04/09/2018 22:37	JR
PERCENT MOISTURE D2216								
Percent Moisture	24.1	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-64
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 2:45:00 PM
Lab ID:	1803V89-064	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	7.19	4.54		mg/Kg-dry	258492	1	04/06/2018 14:40	JR
Barium	300	4.54		mg/Kg-dry	258492	1	04/06/2018 14:40	JR
Lead	1090	4.54		mg/Kg-dry	258492	1	04/06/2018 14:40	JR
Zinc	9.82	4.54		mg/Kg-dry	258492	1	04/06/2018 14:40	JR
PERCENT MOISTURE D2216								
Percent Moisture	12.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-65
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 1:50:00 PM
Lab ID:	1803V89-065	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D								
PERCENT MOISTURE D2216								
Percent Moisture	12.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value
- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-66
Project Name	Hood Packaging Corp.	Collection Date:	3/28/2018 2:20:00 PM
Lab ID:	1803V89-066	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	40.9	4.79		mg/Kg-dry	258492	1	04/06/2018 14:46	JR
Barium	375	4.79		mg/Kg-dry	258492	1	04/06/2018 14:46	JR
Lead	1640	4.79		mg/Kg-dry	258492	1	04/06/2018 14:46	JR
Zinc	48.5	4.79		mg/Kg-dry	258492	1	04/06/2018 14:46	JR
PERCENT MOISTURE D2216								
Percent Moisture	15.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-68
Project Name: Hood Packaging Corp.	Collection Date: 3/28/2018 4:50:00 PM
Lab ID: 1803V89-068	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D								
					(SW3050B)			
Arsenic	13.0	5.34		mg/Kg-dry	258492	1	04/06/2018 14:53	JR
Barium	503	5.34		mg/Kg-dry	258492	1	04/06/2018 14:53	JR
Lead	3550	5.34		mg/Kg-dry	258492	1	04/06/2018 14:53	JR
Zinc	32.9	5.34		mg/Kg-dry	258492	1	04/06/2018 14:53	JR
PERCENT MOISTURE D2216								
Percent Moisture	20.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 10-Apr-18

Client: H.M. Rollins Co.	Client Sample ID: SS-69
Project Name: Hood Packaging Corp.	Collection Date: 3/29/2018 8:05:00 AM
Lab ID: 1803V89-069	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	70.9	4.53		mg/Kg-dry	258492	1	04/06/2018 14:56	JR
Barium	451	4.53		mg/Kg-dry	258492	1	04/06/2018 14:56	JR
Lead	1790	4.53		mg/Kg-dry	258492	1	04/06/2018 14:56	JR
Zinc	35.1	4.53		mg/Kg-dry	258492	1	04/06/2018 14:56	JR
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-70
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 8:30:00 AM
Lab ID:	1803V89-070	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	54.0	3.67		mg/Kg-dry	258493	1	04/06/2018 15:06	IO
Barium	580	73.4		mg/Kg-dry	258493	20	04/09/2018 22:40	IO
Lead	10800	73.4		mg/Kg-dry	258493	20	04/09/2018 22:40	IO
Zinc	64.9	3.67		mg/Kg-dry	258493	1	04/06/2018 15:06	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.9	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-71
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 9:10:00 AM
Lab ID:	1803V89-071	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	55.4	4.52		mg/Kg-dry	258493	1	04/06/2018 15:29	IO
Barium	265	4.52		mg/Kg-dry	258493	1	04/06/2018 15:29	IO
Lead	4210	4.52		mg/Kg-dry	258493	1	04/06/2018 15:29	IO
Zinc	123	4.52		mg/Kg-dry	258493	1	04/06/2018 15:29	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.0	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-72
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 9:45:00 AM
Lab ID:	1803V89-072	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	119	3.45		mg/Kg-dry	258493	1	04/06/2018 15:32	IO
Barium	223	3.45		mg/Kg-dry	258493	1	04/06/2018 15:32	IO
Lead	2900	3.45		mg/Kg-dry	258493	1	04/06/2018 15:32	IO
Zinc	12.1	3.45		mg/Kg-dry	258493	1	04/06/2018 15:32	IO
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client:	H.M. Rollins Co.	Client Sample ID:	SS-74
Project Name	Hood Packaging Corp.	Collection Date:	3/29/2018 10:05:00 AM
Lab ID:	1803V89-074	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	12.0	3.39		mg/Kg-dry	258493	1	04/06/2018 15:39	IO
Barium	92.8	3.39		mg/Kg-dry	258493	1	04/06/2018 15:39	IO
Lead	246	3.39		mg/Kg-dry	258493	1	04/06/2018 15:39	IO
Zinc	18.2	3.39		mg/Kg-dry	258493	1	04/06/2018 15:39	IO
PERCENT MOISTURE D2216								
Percent Moisture	23.7	0		wt%	R367238	1	04/05/2018 17:20	CG

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?				damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?					
5. Custody seals intact on shipping container?					
6. Temperature blanks present?					
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]				Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?					
9. Chain of Custody signed, dated, and timed when relinquished and received?					
10. Sampler name and/or signature on COC?					
11. Were all samples received within holding time?					
12. TAT marked on the COC?				If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/>	

13. Cooler 1 Temperature _____ °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). _____

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?					
17. Custody seals present on sample containers?					
18. Custody seals intact on sample containers?					
19. Do sample container labels match the COC?				incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?					
21. Were all of the samples listed on the COC received?				samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
22. Was the sample collection date/time noted?					
23. Did we receive sufficient sample volume for indicated analyses?					
24. Were samples received in appropriate containers?					
25. Were VOA samples received without headspace (< 1/4" bubble)?					
26. Were trip blanks submitted?				listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). _____

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *					
29. Containers meet preservation guidelines?					
30. Was pH adjusted at Sample Receipt?					

I certify that I have completed sections 28-30 (dated initials). _____

Client: H.M. Rollins Co.
Project Name Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258460

Sample ID: MB-258460	Client ID:	Units: mg/Kg	Prep Date: 04/03/2018	Run No: 367241							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 258460	Analysis Date: 04/04/2018	Seq No: 8125842							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	5.00									
Lead	BRL	5.00									
Zinc	BRL	5.00									

Sample ID: LCS-258460	Client ID:	Units: mg/Kg	Prep Date: 04/03/2018	Run No: 367241							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 258460	Analysis Date: 04/04/2018	Seq No: 8125843							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	48.43	5.00	50.00		96.9	80	120				
Barium	50.45	5.00	50.00		101	80	120				
Lead	48.61	5.00	50.00		97.2	80	120				
Zinc	47.70	5.00	50.00		95.4	80	120				

Sample ID: 1803U47-001CMS	Client ID:	Units: mg/Kg-dry	Prep Date: 04/03/2018	Run No: 367241							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 258460	Analysis Date: 04/04/2018	Seq No: 8125847							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	34.15	3.64	36.43	3.890	83.1	75	125				
Barium	64.74	3.64	36.43	35.42	80.5	75	125				
Lead	47.07	3.64	36.43	18.07	79.6	75	125				
Zinc	60.47	3.64	36.43	31.46	79.6	75	125				

Sample ID: 1803U47-001CMSD	Client ID:	Units: mg/Kg-dry	Prep Date: 04/03/2018	Run No: 367241							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258460	Analysis Date: 04/04/2018	Seq No: 8125848							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	32.08	3.65	36.49	3.890	77.3	75	125	34.15	6.23	20	
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Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: H.M. Rollins Co.
 Project Name Hood Packaging Corp.
 Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258460

Sample ID: 1803U47-001CMSD	Client ID:	Units: mg/Kg-dry	Prep Date: 04/03/2018	Run No: 367241							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258460	Analysis Date: 04/04/2018	Seq No: 8125848							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Barium	72.57	3.65	36.49	35.42	102	75	125	64.74	11.4	20	
Lead	51.31	3.65	36.49	18.07	91.1	75	125	47.07	8.62	20	
Zinc	69.29	3.65	36.49	31.46	104	75	125	60.47	13.6	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: H.M. Rollins Co.
Project Name: Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258461

Sample ID: MB-258461	Client ID:	Units: mg/Kg	Prep Date: 04/04/2018	Run No: 367187							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 258461	Analysis Date: 04/04/2018	Seq No: 8124969							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	5.00									
Lead	BRL	5.00									
Zinc	BRL	5.00									

Sample ID: LCS-258461	Client ID:	Units: mg/Kg	Prep Date: 04/04/2018	Run No: 367187							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 258461	Analysis Date: 04/04/2018	Seq No: 8124970							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	47.40	5.00	50.00		94.8	80	120				
Barium	47.99	5.00	50.00		96.0	80	120				
Lead	47.17	5.00	50.00		94.3	80	120				
Zinc	46.87	5.00	50.00	0.2881	93.2	80	120				

Sample ID: 1803V89-010AMS	Client ID: SS-10	Units: mg/Kg-dry	Prep Date: 04/04/2018	Run No: 367187							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 258461	Analysis Date: 04/04/2018	Seq No: 8124972							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	56.55	3.13	31.35	27.79	91.8	75	125				
Barium	184.6	3.13	31.35	198.8	-45.4	75	125				S
Lead	99.18	3.13	31.35	81.10	57.7	75	125				S
Zinc	55.70	3.13	31.35	44.26	36.5	75	125				S

Sample ID: 1803V89-010AMSD	Client ID: SS-10	Units: mg/Kg-dry	Prep Date: 04/04/2018	Run No: 367187							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258461	Analysis Date: 04/04/2018	Seq No: 8124973							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	58.34	3.12	31.23	27.79	97.9	75	125	56.55	3.12	20	
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Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: H.M. Rollins Co.
 Project Name Hood Packaging Corp.
 Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258461

Sample ID: 1803V89-010AMSD	Client ID: SS-10	Units: mg/Kg-dry	Prep Date: 04/04/2018	Run No: 367187
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258461	Analysis Date: 04/04/2018	Seq No: 8124973

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Barium	174.0	3.12	31.23	198.8	-79.5	75	125	184.6	5.91	20	S
Lead	141.6	3.12	31.23	81.10	194	75	125	99.18	35.2	20	SR
Zinc	71.50	3.12	31.23	44.26	87.2	75	125	55.70	24.9	20	R

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: H.M. Rollins Co.
Project Name: Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258462

Sample ID: MB-258462	Client ID:	Units: mg/Kg	Prep Date: 04/04/2018	Run No: 367243							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 258462	Analysis Date: 04/04/2018	Seq No: 8125971							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	5.00									
Lead	BRL	5.00									
Zinc	BRL	5.00									

Sample ID: LCS-258462	Client ID:	Units: mg/Kg	Prep Date: 04/04/2018	Run No: 367243							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 258462	Analysis Date: 04/04/2018	Seq No: 8125975							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	48.31	5.00	50.00		96.6	80	120				
Barium	50.96	5.00	50.00		102	80	120				
Lead	48.74	5.00	50.00		97.5	80	120				
Zinc	48.00	5.00	50.00	1.262	93.5	80	120				

Sample ID: 1803V89-030AMS	Client ID: SS-30	Units: mg/Kg-dry	Prep Date: 04/04/2018	Run No: 367243							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 258462	Analysis Date: 04/04/2018	Seq No: 8125979							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	205.4	3.53	35.28	166.5	110	75	125				
Barium	169.8	3.53	35.28	107.5	177	75	125				S
Lead	166.9	3.53	35.28	183.8	-47.8	75	125				S
Zinc	73.09	3.53	35.28	46.33	75.9	75	125				

Sample ID: 1803V89-030AMSD	Client ID: SS-30	Units: mg/Kg-dry	Prep Date: 04/04/2018	Run No: 367243							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258462	Analysis Date: 04/04/2018	Seq No: 8125982							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	244.3	3.53	35.34	166.5	220	75	125	205.4	17.3	20	S
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Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: H.M. Rollins Co.
Project Name Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258462

Sample ID: 1803V89-030AMSD	Client ID: SS-30	Units: mg/Kg-dry	Prep Date: 04/04/2018	Run No: 367243
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258462	Analysis Date: 04/04/2018	Seq No: 8125982

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Barium	134.4	3.53	35.34	107.5	76.0	75	125	169.8	23.3	20	R
Lead	177.3	3.53	35.34	183.8	-18.1	75	125	166.9	6.08	20	S
Zinc	70.11	3.53	35.34	46.33	67.3	75	125	73.09	4.16	20	S

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: H.M. Rollins Co.
Project Name Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258492

Sample ID: MB-258492	Client ID:	Units: mg/Kg	Prep Date: 04/05/2018	Run No: 367423							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 258492	Analysis Date: 04/06/2018	Seq No: 8131011							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	5.00									
Lead	BRL	5.00									
Zinc	BRL	5.00									

Sample ID: LCS-258492	Client ID:	Units: mg/Kg	Prep Date: 04/05/2018	Run No: 367423							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 258492	Analysis Date: 04/06/2018	Seq No: 8131012							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	43.31	5.00	50.00		86.6	80	120				
Barium	46.03	5.00	50.00		92.1	80	120				
Lead	44.30	5.00	50.00	0.1990	88.2	80	120				
Zinc	44.01	5.00	50.00		88.0	80	120				

Sample ID: 1803V89-050AMS	Client ID: SS-50	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367423							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 258492	Analysis Date: 04/06/2018	Seq No: 8131017							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	367.1	3.17	31.67	267.7	314	75	125				S
Barium	86.99	3.17	31.67	62.21	78.2	75	125				

Sample ID: 1803V89-050AMS	Client ID: SS-50	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367423							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 258492	Analysis Date: 04/09/2018	Seq No: 8132896							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	12410	63.3	31.67	10780	5150	75	125				S
Zinc	593.6	63.3	31.67	829.4	-745	75	125				S

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: H.M. Rollins Co.
Project Name Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258492

Sample ID: 1803V89-050AMSD	Client ID: SS-50	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367423							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258492	Analysis Date: 04/06/2018	Seq No: 8131019							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	297.0	3.17	31.67	267.7	92.5	75	125	367.1	21.1	20	R
Barium	83.18	3.17	31.67	62.21	66.2	75	125	86.99	4.47	20	S

Sample ID: 1803V89-050AMSD	Client ID: SS-50	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367423							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258492	Analysis Date: 04/09/2018	Seq No: 8132897							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	11400	63.3	31.67	10780	1980	75	125	12410	8.44	20	S
Zinc	585.9	63.3	31.67	829.4	-769	75	125	593.6	1.30	20	S

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: H.M. Rollins Co.
Project Name Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258493

Sample ID: MB-258493	Client ID:	Units: mg/Kg	Prep Date: 04/05/2018	Run No: 367425							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 258493	Analysis Date: 04/06/2018	Seq No: 8131073							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	5.00									
Barium	BRL	5.00									
Lead	BRL	5.00									
Zinc	BRL	5.00									

Sample ID: LCS-258493	Client ID:	Units: mg/Kg	Prep Date: 04/05/2018	Run No: 367425							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 258493	Analysis Date: 04/06/2018	Seq No: 8131074							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	43.55	5.00	50.00		87.1	80	120				
Barium	45.46	5.00	50.00		90.9	80	120				
Lead	43.46	5.00	50.00	0.09950	86.7	80	120				
Zinc	43.18	5.00	50.00		86.4	80	120				

Sample ID: 1803V89-070AMS	Client ID: SS-70	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367425							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 258493	Analysis Date: 04/06/2018	Seq No: 8131078							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	73.05	3.69	36.88	54.02	51.6	75	125				S
Zinc	65.29	3.69	36.88	64.86	1.16	75	125				S

Sample ID: 1803V89-070AMS	Client ID: SS-70	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367425							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 258493	Analysis Date: 04/09/2018	Seq No: 8132963							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Barium	566.8	73.8	36.88	580.3	-36.5	75	125				S
Lead	5356	73.8	36.88	10760	-14600	75	125				S

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: H.M. Rollins Co.
Project Name Hood Packaging Corp.
Workorder: 1803V89

ANALYTICAL QC SUMMARY REPORT

BatchID: 258493

Sample ID: 1803V89-070AMSD	Client ID: SS-70	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367425							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258493	Analysis Date: 04/06/2018	Seq No: 8131080							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	76.50	3.67	36.71	54.02	61.2	75	125	73.05	4.62	20	S
Zinc	78.77	3.67	36.71	64.86	37.9	75	125	65.29	18.7	20	S

Sample ID: 1803V89-070AMSD	Client ID: SS-70	Units: mg/Kg-dry	Prep Date: 04/05/2018	Run No: 367425							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 258493	Analysis Date: 04/09/2018	Seq No: 8132964							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Barium	564.1	73.4	36.71	580.3	-43.9	75	125	566.8	0.474	20	S
Lead	6880	73.4	36.71	10760	-10600	75	125	5356	24.9	20	SR

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Appendix E

5/17/8

Traveled from Gulfport, MS
Arrived on site at 17:30
Walked site to observe
conditions + look at previous
sampling locations.

Started work to locate
new sample locations.
Began at node 4E
located ~ 30 feet west
of well MW-SB-5. Used
tapes and metal detector
to locate points 4A,
4C + 4B. Turned south
located and set stakes at
5B + 6B.

Departed site at 18:45

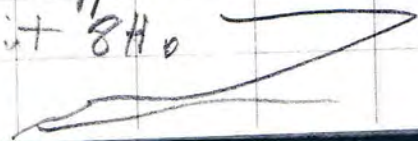
5/16/18

Arrive on site at 08:15
Continued setting stakes
going south. Located pins
at 7B + 8B and set
stakes. Located 9B
but no pins on this row.
Drove stake at 9B. Grassy
area in middle of logging
residuals. Cut way.
500 feet east. Rough going.
Set stake at approximate
location of node 9G.
11:00 met contractors to
discuss logging debris removal.
Went to lunch. Back at
site at 13:30



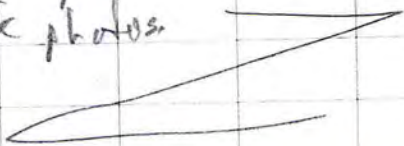
5/16/18

Drove sample probe to
a depth of 24" at point
4' west of point 9G to
get away from stump. 14:02
Got 16" recovery. Dark
gray to black silty fine
sand. Some root fragments
emptied into clean stainless
steel pan. Mixed well,
using clean stainless steel
spoon. No debris evident.
Placed sample in ziplock bag,
moved to location of well.
MW-5B-6 at point 7E.
Went east 300' and south
100' to approximate location
of point 8H.



5/16/18

Lots of rubble in area of
7H. Took picture
of concrete footing sitting
near point 8H. 16:05
Drove soil probe to 24"
depth at point 1 foot east
of 8H. Got 14.5 inch
recovery. Tan/Brown
silty sand, damp. Mixed
as before and placed in
marked ziplock bag. Sample
looks clean - no debris. There
is an old ditch about 100' south.
Several concrete footings have
been pushed into this area.
Took photos.



5/16/18

Moved to previous sample point 19.
This point located in middle of
rubble pile. Would have
to go near fence of Bldg 12
to get 100' away. Too
thick to easily get there from
this location. Back to truck
Drove to Bldg 12 opposite
sample point 19 approximately.
Measured point 105' north
of SW corner of bldg.
Fence is 49' west at this point.
Fence is not parallel to bldg,
closer at south end. Took
sample 47' west of bldg. 17:15
Called sample 5J. Got
16" recovery. Bottom 6"



5/16/18

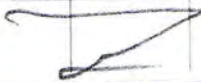
from silty sand transition
to brown/black silty sand,
No debris evident. Mixed
and bagged as before.
Departed site at 17:40



5/17/18

Met with Valdosta
City Manager, Mark Barber,
to discuss access for
another permanent well
on city park property
and the need for an
environmental covenant
on a portion of the
property.

Returned to site at 10:15
Prepared for sampling.
Drove probe 1 foot west
of point TB 10:35
17" recovery. Bottom 8"
gray silty sand. Transition
to brown/black silty sand



5/17/18

Some brick fragments
and apparent wood char
at surface. Mixed and
bagged as before.

Moved to point 9B.

Sampled 15" west, 10:50

Got 14.5" recovery. Bottom
6" mottled black/tan silty sand.

Gray silty sand balance.

Wet at top rained last
night. Looks clean no
brick fragments. Mixed
and bagged as before.

Moved to point 5B.

Sampled 10" west, 11:15



5/17/18

Probe drove easy. 18.5"
recovery. Bottom 5" tan
silty sand. Top black
sandy loam. Middle transition
has some orange pockets.
No evidence of debris.
Mixed and bagged as
before.

Located pin at point
2B. Drove probe 8"
west of 2B and hit
obstruction at 12".
Got no recovery. Drove
again at 18" west. Drove
easy to 20" then obstruction



5/17/18

11:37 Got 16" recovery.
Bottom 8" tan silty sand
Transition to dark
brown organic silty
sand. Some brick
fragments. Mixed and
bagged as before.

Went to point 20. Did
not locate pin. Measured
150' north. This was 41'
south of power line.
Call this sample 1D north.
Drove probe, got 17.5" recovery.
Bottom 7" tan silty sand
transition to dark brown/black
root fragments

5/17/18

12:02 Small piece of gravel
at top. No other debris
evident. Mixed and
bagged as before.

Lunch with John Smith.

13:00 To Scruggs
Concrete to look at
concrete washout stockpile.
Made arrangements to
have samples shipped
to Hille Pollins Company, Inc.
Offices. Reported
See Gullspout at 14:20
NFE

Appendix F



Mailing Address:
PO Box 1410
Ocean Springs, MS
39566-1410

6500 Sunplex Drive
Ocean Springs, MS 39564
228.875.6420 Phone
228.875.6423 Fax

May 30, 2018

Martin Rollins

Work Order # : 1805452

HM Rollins Company
PO Box 3471
Gulfport, MS 39505

Purchase Order #:

RE: Hood Packaging @ Valdosta, GA

Enclosed are Micro-Methods Laboratory, Inc. results of analyses performed on samples received 05/21/2018 14:00. If you have any questions concerning this report, please feel free to contact the office.

A handwritten signature in black ink that reads 'Harry P. Howell'.

Harry P. Howell

President
Micro-Methods Laboratory, Inc.



DISCLAIMER

The results only relate to the items or the sample and/or samples received by the laboratory. This report shall not be reproduced except in full, without the approval of the laboratory. All NELAP certified test methods performed meet the requirements of NELAC 2009 Standards. Any variances and/or deviations specific to this analytical report are referenced in the lab report using qualifiers and detailed explanations found in the case narrative.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 05/30/2018 14:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date/Time Sampled	Sampled by	Date/Time Received
Sample 9G	1805452-01	Soil	05/16/2018 14:02	HM Rollins	05/21/2018 14:00
Sample 8H	1805452-02	Soil	05/16/2018 16:05	HM Rollins	05/21/2018 14:00
Sample 5J	1805452-03	Soil	05/16/2018 17:15	HM Rollins	05/21/2018 14:00
Sample 7B	1805452-04	Soil	05/17/2018 10:35	HM Rollins	05/21/2018 14:00
Sample 9B	1805452-05	Soil	05/17/2018 10:50	HM Rollins	05/21/2018 14:00
Sample 5B	1805452-06	Soil	05/17/2018 11:15	HM Rollins	05/21/2018 14:00
Sample 2B	1805452-07	Soil	05/17/2018 11:37	HM Rollins	05/21/2018 14:00
Sample 1D North	1805452-08	Soil	05/17/2018 12:02	HM Rollins	05/21/2018 14:00

Sample Receipt Conditions

Date/Time Received: 5/21/2018 2:00:00PM

Shipped by: Lab Pick-up

Received by: Michelle M Gallegos

Submitted by: Corey J Adkison

Date/Time Logged: 5/21/2018 3:37:00PM

Logged by: Michelle M Gallegos

Cooler ID: Default Cooler

Receipt Temperature: 17.2 °C

Custody Seals No
Containers Intact Yes
COC/Labels Agree Yes
Labels Complete No
COC Complete Yes

Received on Ice No
No Ice, Short Trip No
Obvious Contamination No
Rush to meet HT No

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

CASE NARRATIVE SUMMARY

All reported results are within Micro-Methods Laboratory, Inc. defined laboratory quality control objectives unless detailed in narrative summary or identified as qualifications. NOTE: All results listed on this report are calculated on a wet weight basis (as received by the laboratory) unless otherwise noted in the analysis qualification sections.

Summary Comments: *No Summary Comments*

Total Metals-SW 6010B

Qualifiers:

QM-09 The spike recovery was above acceptance limits for the MS and/or MSD. The results were accepted based on acceptable LCS and/or LCSD recoveries.

Lead
8E22037-MS1

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

Sample 9G

1805452-01 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	3.91	2.44	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:03	SW 6010B	
Barium	34.6	0.488	"	"	"	SCH	"	"	"	"
Lead	178	2.44	"	"	"	SCH	"	"	"	"
Zinc	67.8	2.44	"	"	"	SCH	"	"	"	"

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 05/30/2018 14:05

Sample 8H

1805452-02 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	2.41	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:09	SW 6010B	
Barium	17.5	0.482	"	"	"	SCH	"	"	"	
Lead	81.7	2.41	"	"	"	SCH	"	"	"	
Zinc	ND	2.41	"	"	"	SCH	"	"	"	

HM Rollins Company
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Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

Sample 5J

1805452-03 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
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Metals by EPA 6000 Series Methods ICP-AES

Arsenic	16.3	2.48	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:24	SW 6010B	
Barium	103	0.495	"	"	"	SCH	"	"	"	
Lead	227	2.48	"	"	"	SCH	"	"	"	
Zinc	63.3	2.48	"	"	"	SCH	"	"	"	

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Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

Sample 7B

1805452-04 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	2.46	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:31	SW 6010B	
Barium	50.4	0.491	"	"	"	SCH	"	"	"	
Lead	44.4	2.46	"	"	"	SCH	"	"	"	
Zinc	83.3	2.46	"	"	"	SCH	"	"	"	

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

Sample 9B

1805452-05 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	2.43	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:37	SW 6010B	
Barium	15.4	0.487	"	"	"	SCH	"	"	"	
Lead	39.2	2.43	"	"	"	SCH	"	"	"	
Zinc	4.24	2.43	"	"	"	SCH	"	"	"	



6500 Sunplex Drive
 Ocean Springs, MS 39564
 228-875-6420 Phone
 228-875-6423 Fax

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 05/30/2018 14:05

Sample 5B

1805452-06 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	4.82	2.43	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:44	SW 6010B	
Barium	37.9	0.487	"	"	"	SCH	"	"	"	"
Lead	13.0	2.43	"	"	"	SCH	"	"	"	"
Zinc	19.5	2.43	"	"	"	SCH	"	"	"	"

HM Rollins Company
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 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 05/30/2018 14:05

Sample 2B

1805452-07 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	30.6	2.43	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:50	SW 6010B	
Barium	618	0.487	"	"	"	SCH	"	"	"	"
Lead	601	2.43	"	"	"	SCH	"	"	"	"
Zinc	102	2.43	"	"	"	SCH	"	"	"	"

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

Sample 1D North

1805452-08 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
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Metals by EPA 6000 Series Methods ICP-AES

Arsenic	8.39	2.44	mg/kg	1.0	8E22037	SCH	05/22/2018 09:15	05/29/2018 15:57	SW 6010B	
Barium	28.3	0.488	"	"	"	SCH	"	"	"	
Lead	9.81	2.44	"	"	"	SCH	"	"	"	
Zinc	20.0	2.44	"	"	"	SCH	"	"	"	

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 05/30/2018 14:05

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
Batch 8E22037 - EPA 3050B DCN 1017 Rev 8											
Blank (8E22037-BLK1)											
Arsenic	5/29/18 14:48	ND	2.50	mg/kg							
Barium	5/29/18 14:48	ND	0.500	"							
Lead	5/29/18 14:48	ND	2.50	"							
Zinc	5/29/18 14:48	ND	2.50	"							
LCS (8E22037-BS1)											
Arsenic	5/29/18 14:52	9.35	2.50	mg/kg	10.0		93.5	85-115			
Barium	5/29/18 14:52	9.69	0.500	"	10.0		96.9	85-115			
Lead	5/29/18 14:52	9.73	2.50	"	10.0		97.3	85-115			
Zinc	5/29/18 14:52	8.79	2.50	"	10.0		87.9	85-115			
LCS Dup (8E22037-BSD1)											
Arsenic	5/29/18 14:56	9.96	2.50	mg/kg	10.0		99.6	85-115	6.30	20	
Barium	5/29/18 14:56	10.1	0.500	"	10.0		101	85-115	3.91	20	
Lead	5/29/18 14:56	9.76	2.50	"	10.0		97.6	85-115	0.293	20	
Zinc	5/29/18 14:56	9.01	2.50	"	10.0		90.1	85-115	2.43	20	
Duplicate (8E22037-DUP1) Source: 1805452-02											
Arsenic	5/29/18 15:13	ND	2.41	mg/kg		ND					20
Barium	5/29/18 15:13	16.4	0.482	"		17.5			6.59		20
Lead	5/29/18 15:13	73.9	2.41	"		81.7			10.1		20
Zinc	5/29/18 15:13	1.85	2.41	"		1.98			6.82		20
Matrix Spike (8E22037-MS1) Source: 1805452-02											
Arsenic	5/29/18 15:18	10.1	2.41	mg/kg	9.65	ND	104	75-125			
Barium	5/29/18 15:18	26.9	0.482	"	9.65	17.5	97.1	75-125			
Lead	5/29/18 15:18	98.0	2.41	"	9.65	81.7	169	75-125			QM-09
Zinc	5/29/18 15:18	11.0	2.41	"	9.65	1.98	93.1	75-125			

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

Certified Analyses Included in this Report

Analyte	Certification Code
---------	--------------------

SW 6010B in Soil

Aluminum	C01,C02
Antimony	C01,C02
Arsenic	C01,C02
Barium	C01,C02
Beryllium	C01,C02
Boron	C01,C02
Cadmium	C01,C02
Calcium	C01,C02
Chromium	C01,C02
Cobalt	C01,C02
Copper	C01,C02
Iron	C01,C02
Lead	C01,C02
Magnesium	C01,C02
Manganese	C01,C02
Molybdenum	C01,C02
Nickel	C01,C02
Potassium	C01,C02
Selenium	C01,C02
Silver	C01,C02
Sodium	C01,C02
Strontium	C01,C02
Thallium	C01,C02
Vanadium	C01,C02
Zinc	C01,C02

****Only compounds included in this list are associated with accredited analyses****

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 05/30/2018 14:05

Laboratory Accreditations/Certifications

Code	Description	Number	Expires
C01	LA Environmental Lab Accreditation Program	01960	06/30/2018
C02	The NELAC Institute (NELAP)	TNI01397	06/30/2018
C03	Ms Dept of Health (Coliform)	MS00021	12/31/2018
C04	Ms Dept of Health (Drinking Water Certificate)	MS00021	12/31/2018
C05	Ms DEQ Lead Firm Certification	PBF-00000028	02/25/2019
C06	MsDEQ Asbestos Inspector : C.D. Bingham	ABI-00001348	03/08/2019
C07	MsDEQ Air Monitor : C.D. Bingham	AM-011572	03/09/2019
C08	MsDEQ Asbestos Inspector: C. W. Meins	ABI-00001821	09/15/2018
C09	MsDEQ Air Monitor : C.W. Meins	AM-011189	03/09/2019
C12	MsDEQ Asbestos Inspector : H.P. Howell	ABI-00001345	03/08/2019
C14	MsDEQ Lead Paint Inspector : C.D. Bingham	PBI-00003690	03/19/2019
C15	MsDEQ Lead Paint Inspector : C.W. Meins	PBI-00001740	03/19/2019

Report Definitions

TNC	Too Numerous To Count
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the minimum reporting limit
NR	Not Reported
RPD	Relative Percent Difference
ICV	Initial Calibration Verification
CCV	Continuing Calibration Verification Standard
SSV	Secondary Source Verification Standard
LCS	Lab Control Spike - Lab matrix prepared with known concentration of analyte/s of interest analyzed by method.
MS	Matrix Spike - Sample prepared with known concentration of analyte/s of interest analyzed by method.
MSD	Matrix Spike Duplicate - Duplicate sample prepared with known concentration of analyte/s of interest analyzed by method.
MRL	Minimum Reporting Limit
%REC	Percentage Recovery of known concentration added to matrix
Batch	Group of samples prepared for analysis not to exceed 20 samples.
Matrix	Material containing analyte/s of interest
Surrogate	Analyte added to sample to determine extraction efficiency of method.



6500 Sunplex Drive
Ocean Springs, MS 39564
228-875-6420 Phone
228-875-6423 Fax

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
05/30/2018 14:05

Analyst Initials Key

<u>FullName</u>	<u>Initials</u>
Barbara K. McMillan	BKM
Michelle M Gallegos	MMG
Samantha C. Hall	SCH
Teresa Meins	TKM
Tina Tomek	TPT

1805452

Site: HOOD PACKAGING CORPORATION
 Valdosta, Georgia

Samples: (Signature) *Ann Pollock*

DATE	TIME	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYZE FOR: (SW-846 OR EQUIVALENT METHODS)						REMARKS (PURGE VOLUME, COLOR, ODOR, etc.)
				Arsenic	Lead	Barium	Copper	Zinc	Chromium	
5/16/18	14:02	Sample 9G	1 pt. bag	✓	✓	✓		✓		
5/16/18	16:05	Sample 8H	"	✓	✓	✓		✓		
5/16/18	17:15	Sample 5T	"	✓	✓	✓		✓		
5/17/18	10:35	Sample 7B	"	✓	✓	✓		✓		
5/17/18	10:50	Sample 9B	"	✓	✓	✓		✓		
5/17/18	11:15	Sample 5B	"	✓	✓	✓		✓		
5/17/18	11:37	Sample 2B	"	✓	✓	✓		✓		
5/17/18	12:02	Sample 1D North	"	✓	✓	✓		✓		

ADDITIONAL REMARKS OR INSTRUCTIONS:

RELINQUISHED BY: *Ann Pollock*
 TIME/DATE: 5-21-18 0945

RECEIVED BY: *COB*
 TIME/DATE: 5-21-18 0945

RECEIVED BY: *Michelle M JGA*
 TIME/DATE: 5-21-18 1400

LABORATORY:

LAB COMMENTS:

Micro-Methods	Micro-Methods Laboratory Log-In Checklist	DCN: F207
Issue Date: 11-22-17		Date Revised: 11-22-17
		Revision: 5

Client AM Collins WO 1805452 Shipped By CA
 Date/Time Received 9/21/18 @ MVO Unpacked/Checked By [Signature]

Cooler ID	Ice Present Yes/No	Temperature (Corrected)	Thermometer ID	Custody Sealed Yes/No	Custody Seal Intact Yes/No
<u>N/A</u>	<u>No</u>	<u>17.2°C</u>	<u>T#4</u>	<u>No</u>	<u>N/A</u>

If not iced, were samples received within one hour of collection? Yes ___ No ___ N/A
 Temperature Blank Used Yes ___ No If not, temperature taken from cooler ___ or bottle
 Multi Cooler shipment: ID of samples in coolers that exceed 6°C _____

Custody Seals on Bottles Present Yes ___ No
 Containers Intact Yes No ___
 Proper Containers for Requested Analysis Yes No ___
 Correct Preservation Used for All Samples Yes No ___
 Adequate Sample for Analysis Requested Yes No ___

Volatile Vials Headspace Greater than 6mm in Diameter Yes ___ No ___ N/A

Chain of Custody Form Included Yes ___ No
 Chain of Custody Form Complete Yes No ___
 Chain of Custody Form Properly Relinquished Yes No ___
 Field Sheets/Special Instructions Included Yes ___ No ___ N/A
 Samples Missing on COC or From Cooler Yes ___ No
 Sample Container Labels Match COC Yes No ___

Samples Received Within Holding Time Yes ___ No
 Dept. Manager Notified of Rush/Short Holding Times Yes ___ No ___ N/A

Does work order meet Micro Methods sample acceptance criteria Yes No ___
 Note: Samples that do not meet acceptance criteria must be documented in the Sample Rejection Log.

Client Contacted _____ Contacted By _____ Date/Time _____
 Client Instructions: Cancel Work Order _____
 Proceed with Work Order _____ (Data will be qualified)

Comments: _____

Appendix G



Mailing Address:
 PO Box 1410
 Ocean Springs, MS
 39566-1410

DOCUMENT CHANGE NOTICE

6500 Sunplex Drive
 Ocean Springs, MS 39564
 228.875.6420 Phone
 228.875.6423 Fax

Revised Report

July 10, 2018

Martin Rollins

Work Order # : 1806414

HM Rollins Company
 PO Box 3471

Purchase Order #

Gulfport, MS 39505

RE: Hood Packaging Valdosta, GA SPLP Study

Enclosed is the revised report for samples received by the laboratory on 06/12/2018 14:41. This report supercedes any previous version of the above noted work order. If you have any questions concerning this report, please feel free to contact the office.

Sincerely,

A handwritten signature in black ink that reads "Harry P. Howell".

Harry P. Howell

President



DISCLAIMER

The results only relate to the items or the sample and/or samples received by the laboratory. This report shall not be reproduced except in full, without the approval of the laboratory. All NELAP certified test methods performed meet the requirements of NELAC 2009 Standards. Any variances and/or deviations specific to this analytical report are referenced in the lab report using qualifiers and detailed explanations found in the case narrative.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/10/2018 08:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date/Time Sampled	Sampled by	Date/Time Received
Tract 2 Composite Subsample #1	1806414-01	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #2	1806414-02	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #3	1806414-03	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #4	1806414-04	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #5	1806414-05	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #6	1806414-06	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #7	1806414-07	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #8	1806414-08	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #9	1806414-09	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Tract 2 Composite Subsample #10	1806414-10	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Concrete Washout	1806414-11	Solid	06/12/2018 12:00	HM Rollins	06/12/2018 14:41
Concrete Washout Leachate	1806414-12	Leachate	06/20/2018 15:00	Harry P. Howell	06/12/2018 14:41
Soil Leachate	1806414-13	Leachate	06/20/2018 15:00	Harry P. Howell	06/12/2018 14:41
Concrete Washout/Soil Leachate	1806414-14	Leachate	06/20/2018 15:00	Harry P. Howell	06/12/2018 14:41
Concrete Washout/Soil SPLP	1806414-15	Solid	06/20/2018 15:00	Harry P. Howell	06/12/2018 14:41

Sample Receipt Conditions

Date/Time Received: 6/12/2018 2:41:00PM

Received by: Harry P. Howell

Date/Time Logged: 6/21/2018 11:13:00AM

 Cooler ID: no cooler

Shipped by: Client Delivery

Submitted by: Martin Rollins

Logged by: Sarah E. Tomek

 Receipt Temperature: 27.3 °C

<i>Custody Seals</i>	<i>No</i>
<i>Containers Intact</i>	<i>Yes</i>
<i>COC/Labels Agree</i>	<i>Yes</i>
<i>Labels Complete</i>	<i>No</i>
<i>COC Complete</i>	<i>Yes</i>

<i>Received on Ice</i>	<i>No</i>
<i>No Ice, Short Trip</i>	<i>No</i>
<i>Obvious Contamination</i>	<i>No</i>
<i>Rush to meet HT</i>	<i>No</i>

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/10/2018 08:40

CASE NARRATIVE SUMMARY

All reported results are within Micro-Methods Laboratory, Inc. defined laboratory quality control objectives unless detailed in narrative summary or identified as qualifications. NOTE: All results listed on this report are calculated on a wet weight basis (as received by the laboratory) unless otherwise noted in the analysis qualification sections.

Summary Comments:

Analysis Notes:

THIS REPORT WAS REVISED AFTER THE CLIENT NOTED THE BENCH STUDY LEACHATES RESULTS WERE REPORTED AS MG/KG AND SHOULD BE MG/L. WO#S 1806414-12,13,14 WERE CORRECTED TO MG/L.---HPH

pHs of the column leachates (prior to post-filtering and preservation):

1806414-12 (concrete washout): 11.93
1806414-13 (soil): 5.70
1806414-14 (concrete washout/soil): 5.53

SPLP Metals-SW 6010B

Qualification:

QD-10 The analyte concentration is greater than 10 times the spike concentration. The Matrix Spike result reported as Duplicate. The QC batch was accepted based on LCS/LCSD and Duplicate recoveries within the acceptance limits.

Analyte & Samples(s) Qualified:

Zinc
8F28003-DUP1

QD-11 The analyte concentration is greater than 10 times the spike concentration. Duplicate only reported for this analyte. The QC batch was accepted based on LCS/LCSD and Duplicate recoveries within the acceptance limits.

Barium, Lead, Zinc
8F22028-DUP1

QM-08 The spike recovery was below acceptance limits for the MS and/or MSD. The results were accepted based on acceptable LCS and/or LCSD recoveries.

Chromium
8F22028-MS1

QM-09 The spike recovery was above acceptance limits for the MS and/or MSD. The results were accepted based on acceptable LCS and/or LCSD recoveries.

Copper
8F22028-MS1

RPD04 The RPD between the sample and sample duplicate exceeded the acceptance limits. The batch was accepted based on the lab controls.

Chromium, Lead
8F22028-DUP1, 8F28019-DUP1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Tract 2 Composite Subsample #1
1806414-01 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	55.2	2.49	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 13:45	SW 6010B	
Barium	613	0.499	"	"	"	SCH	"	"	"	
Chromium	29.3	0.499	"	"	"	SCH	"	"	"	
Copper	81.0	0.499	"	"	"	SCH	"	"	"	
Lead	1060	2.49	"	"	"	SCH	"	"	"	
Zinc	1010	4.99	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Tract 2 Composite Subsample #2
1806414-02 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	68.7	2.48	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 13:51	SW 6010B	
Barium	590	0.497	"	"	"	SCH	"	"	"	
Chromium	27.2	0.497	"	"	"	SCH	"	"	"	
Copper	119	0.497	"	"	"	SCH	"	"	"	
Lead	1420	2.48	"	"	"	SCH	"	"	"	
Zinc	1230	4.97	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/10/2018 08:40

Tract 2 Composite Subsample #3

1806414-03 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	74.7	2.49	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 13:24	SW 6010B	
Barium	553	0.497	"	"	"	SCH	"	"	"	
Chromium	38.1	0.497	"	"	"	SCH	"	"	"	
Copper	91.5	0.497	"	"	"	SCH	"	"	"	
Lead	1220	2.49	"	"	"	SCH	"	"	"	
Zinc	1040	4.97	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Tract 2 Composite Subsample #4

1806414-04 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
---------	--------	-----	-------	-----	-------	---------	--------------------	--------------------	--------	-------

Metals by EPA 6000 Series Methods ICP-AES

Arsenic	51.8	2.49	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 13:58	SW 6010B	
Barium	726	0.497	"	"	"	SCH	"	"	"	
Chromium	30.5	0.497	"	"	"	SCH	"	"	"	
Copper	81.9	0.497	"	"	"	SCH	"	"	"	
Lead	1270	2.49	"	"	"	SCH	"	"	"	
Zinc	1100	4.97	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Tract 2 Composite Subsample #5
1806414-05 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	57.5	2.49	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 14:05	SW 6010B	
Barium	679	0.498	"	"	"	SCH	"	"	"	
Chromium	22.7	0.498	"	"	"	SCH	"	"	"	
Copper	92.3	0.498	"	"	"	SCH	"	"	"	
Lead	1110	2.49	"	"	"	SCH	"	"	"	
Zinc	1160	4.98	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/10/2018 08:40

Tract 2 Composite Subsample #6

1806414-06 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
---------	--------	-----	-------	-----	-------	---------	--------------------	--------------------	--------	-------

Metals by EPA 6000 Series Methods ICP-AES

Arsenic	61.7	2.45	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 14:12	SW 6010B	
Barium	590	0.491	"	"	"	SCH	"	"	"	
Chromium	24.7	0.491	"	"	"	SCH	"	"	"	
Copper	99.0	0.491	"	"	"	SCH	"	"	"	
Lead	1080	2.45	"	"	"	SCH	"	"	"	
Zinc	817	4.91	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Tract 2 Composite Subsample #7
1806414-07 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
---------	--------	-----	-------	-----	-------	---------	--------------------	--------------------	--------	-------

Metals by EPA 6000 Series Methods ICP-AES

Arsenic	64.8	2.49	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 14:19	SW 6010B	
Barium	603	0.498	"	"	"	SCH	"	"	"	
Chromium	26.7	0.498	"	"	"	SCH	"	"	"	
Copper	98.1	0.498	"	"	"	SCH	"	"	"	
Lead	1340	2.49	"	"	"	SCH	"	"	"	
Zinc	1250	4.98	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Tract 2 Composite Subsample #8
1806414-08 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
---------	--------	-----	-------	-----	-------	---------	--------------------	--------------------	--------	-------

Metals by EPA 6000 Series Methods ICP-AES

Arsenic	61.4	2.48	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 14:25	SW 6010B	
Barium	543	0.497	"	"	"	SCH	"	"	"	
Chromium	25.9	0.497	"	"	"	SCH	"	"	"	
Copper	205	0.497	"	"	"	SCH	"	"	"	
Lead	918	2.48	"	"	"	SCH	"	"	"	
Zinc	1080	4.97	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/10/2018 08:40

Tract 2 Composite Subsample #9

1806414-09 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
---------	--------	-----	-------	-----	-------	---------	--------------------	--------------------	--------	-------

Metals by EPA 6000 Series Methods ICP-AES

Arsenic	52.5	2.49	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 14:32	SW 6010B	
Barium	623	0.498	"	"	"	SCH	"	"	"	
Chromium	26.2	0.498	"	"	"	SCH	"	"	"	
Copper	162	0.498	"	"	"	SCH	"	"	"	
Lead	1020	2.49	"	"	"	SCH	"	"	"	
Zinc	1200	4.98	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Tract 2 Composite Subsample #10
1806414-10 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
---------	--------	-----	-------	-----	-------	---------	--------------------	--------------------	--------	-------

Metals by EPA 6000 Series Methods ICP-AES

Arsenic	70.2	2.47	mg/kg dry wt.	1.0	8F22028	SCH	06/20/2018 09:00	06/26/2018 14:39	SW 6010B	
Barium	575	0.494	"	"	"	SCH	"	"	"	
Chromium	28.9	0.494	"	"	"	SCH	"	"	"	
Copper	107	0.494	"	"	"	SCH	"	"	"	
Lead	1060	2.47	"	"	"	SCH	"	"	"	
Zinc	1230	4.94	"	"	"	SCH	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/10/2018 08:40

Concrete Washout
1806414-11 (Solid)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	2.47	mg/kg dry wt.	1.0	8F28019	SCH	06/20/2018 09:00	06/26/2018 16:09	SW 6010B	
Barium	67.5	0.495	"	"	"	SCH	"	"	"	
Cadmium	ND	0.495	"	"	"	SCH	"	"	"	
Chromium	5.68	0.495	"	"	"	SCH	"	06/27/2018 16:13	"	
Copper	4.58	0.495	"	"	"	SCH	"	06/26/2018 16:09	"	
Lead	2.94	2.47	"	"	"	SCH	"	"	"	
Nickel	1.98	1.98	"	"	"	SCH	"	"	"	
Selenium	ND	2.47	"	"	"	SCH	"	"	"	
Silver	ND	0.247	"	"	"	SCH	"	06/27/2018 16:13	"	
Vanadium	6.50	2.47	"	"	"	SCH	"	06/26/2018 16:09	"	
Zinc	28.1	4.95	"	"	"	SCH	"	"	"	
Mercury by EPA 7000 Series Methods CVAAS										
Mercury	0.151	0.032	mg/kg dry wt.	1.0	8G02034	MMG	06/29/2018 12:00	07/02/2018 16:45	SW 7471B	
Semivolatile Organic Compounds by SW-846 Method 8270D										

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HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Concrete Washout

1806414-11 (Solid)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Semivolatile Organic Compounds by SW-846 Method 8270D										
Acenaphthene	ND	0.33	mg/kg	1.0	8F26026	TKM	06/26/2018 08:36	06/26/2018 18:22	EPA 8270D	
Acenaphthylene	ND	0.33	"	"	"	TKM	"	"	"	
Aniline	ND	0.33	"	"	"	TKM	"	"	"	
Anthracene	ND	0.33	"	"	"	TKM	"	"	"	
Benzo (a) anthracene	ND	0.33	"	"	"	TKM	"	"	"	
Benzo (b) fluoranthene	ND	0.33	"	"	"	TKM	"	"	"	
Benzo (k) fluoranthene	ND	0.33	"	"	"	TKM	"	"	"	
Benzo (g,h,i) perylene	ND	0.33	"	"	"	TKM	"	"	"	
Benzo (a) pyrene	ND	0.33	"	"	"	TKM	"	"	"	
Benzyl alcohol	ND	0.33	"	"	"	TKM	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.33	"	"	"	TKM	"	"	"	
Bis(2-chloroethyl)ether	ND	0.33	"	"	"	TKM	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.33	"	"	"	TKM	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	0.33	"	"	"	TKM	"	"	"	
4-Bromophenyl phenyl ether	ND	0.33	"	"	"	TKM	"	"	"	
Butyl benzyl phthalate	ND	0.33	"	"	"	TKM	"	"	"	
4-Chloroaniline	ND	0.33	"	"	"	TKM	"	"	"	
Carbazole	ND	0.33	"	"	"	TKM	"	"	"	
4-Chloro-3-methylphenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	
2-Chloronaphthalene	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	
2-Chlorophenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	
4-Chlorophenyl phenyl ether	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	
Chrysene	ND	0.33	"	"	"	TKM	"	"	"	
Dibenz (a,h) anthracene	ND	0.33	"	"	"	TKM	"	"	"	
Dibenzofuran	ND	0.33	"	"	"	TKM	"	"	"	
Di-n-butyl phthalate	ND	0.33	"	"	"	TKM	"	"	"	
1,2-Dichlorobenzene	ND	0.33	"	"	"	TKM	"	"	"	
1,3-Dichlorobenzene	ND	0.33	"	"	"	TKM	"	"	"	
1,4-Dichlorobenzene	ND	0.33	"	"	"	TKM	"	"	"	
2,4-Dichlorophenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	
Diethyl phthalate	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	
2,4-Dimethylphenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	
Dimethyl phthalate	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	
4,6-Dinitro-2-methylphenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	
2,4-Dinitrophenol	ND	0.33	"	"	"	TKM	"	"	"	
2,4-Dinitrotoluene	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Concrete Washout

1806414-11 (Solid)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Semivolatile Organic Compounds by SW-846 Method 8270D										
2,6-Dinitrotoluene	ND	0.33	mg/kg	1.0	8F26026	TKM	06/26/2018 08:36	"	"	"
Di-n-octyl phthalate	ND	0.35	"	"	"	TKM	"	"	"	"
Fluoranthene	ND	0.33	"	"	"	TKM	"	"	"	"
Fluorene	ND	0.33	"	"	"	TKM	"	"	"	"
Hexachlorobenzene	ND	0.33	"	"	"	TKM	"	"	"	"
Hexachlorobutadiene	ND	0.33	"	"	"	TKM	"	"	"	"
Hexachlorocyclopentadiene	ND	0.33	"	"	"	TKM	"	"	"	"
Hexachloroethane	ND	0.33	"	"	"	TKM	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.33	"	"	"	TKM	"	"	"	"
2-Methylnaphthalene	ND	0.33	"	"	"	TKM	"	"	"	"
2-Methylphenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	"
Naphthalene	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	"
3 & 4-Methylphenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	"
2-Nitroaniline	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	"
3-Nitroaniline	ND	0.33	"	"	"	TKM	"	"	"	"
4-Nitroaniline	ND	0.33	"	"	"	TKM	"	"	"	"
Nitrobenzene	ND	0.33	"	"	"	TKM	"	"	"	"
2-Nitrophenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	"
4-Nitrophenol	ND	0.33	"	"	"	TKM	"	"	"	"
N-Nitrosodimethylamine	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	"
N-Nitrosodiphenylamine	ND	0.33	"	"	"	TKM	"	"	"	"
N-Nitrosodi-n-propylamine	ND	0.33	"	"	"	TKM	"	"	"	"
Pentachlorophenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	"
Phenanthrene	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	"
Phenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	"
Pyrene	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	"
Pyridine	ND	0.33	"	"	"	TKM	"	"	"	"
1,2,4-Trichlorobenzene	ND	0.33	"	"	"	TKM	"	"	"	"
2,4,5-Trichlorophenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	"
2,3,5,6-Tetrachlorophenol	ND	0.33	"	"	"	TKM	"	"	"	"
2,4,6-Trichlorophenol	ND	0.33	"	"	"	TKM	"	"	"	"
Isophorone	ND	0.33	"	"	"	TKM	"	06/26/2018 18:22	"	"
3,3'-Dichlorobenzidine	ND	0.33	"	"	"	TKM	"	"	"	"
Azobenzene	ND	0.33	"	"	"	TKM	"	"	"	"
2,3,4,5 & 2,3,4,6-Tetrachlorophenol	ND	0.33	"	"	"	TKM	"	06/26/2018 17:46	"	"

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 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/10/2018 08:40

Concrete Washout
1806414-11 (Solid)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
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Semivolatile Organic Compounds by SW-846 Method 8270D

Surrogate	Result	% Rec	Rec Limits	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
2,4,6-Tribromophenol	3.38	101 %	31-124	8F26026	TKM	06/26/2018 08:36	"	"	"
2-Fluorobiphenyl	1.44	86.4 %	34-94	"	TKM	"	06/26/2018 18:22	"	"
2-Fluorophenol	2.27	68.2 %	20-95	"	TKM	"	06/26/2018 17:46	"	"
Nitrobenzene-d5	1.26	75.8 %	29-90	"	TKM	"	06/26/2018 18:22	"	"
Phenol-d5	2.16	64.9 %	25-89	"	TKM	"	06/26/2018 17:46	"	"
Terphenyl-dl4	1.67	100 %	23-152	"	TKM	"	06/26/2018 18:22	"	"

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 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/10/2018 08:40

Concrete Washout Leachate
1806414-12 (Leachate)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	0.050	mg/L	1.0	8F28003	SCH	06/27/2018 11:45	06/28/2018 14:04	SW 6010B	
Barium	0.875	0.010	"	"	"	SCH	"	"	"	
Cadmium	ND	0.005	"	"	"	SCH	"	"	"	
Chromium	0.016	0.010	"	"	"	SCH	"	"	"	
Copper	ND	0.010	"	"	"	SCH	"	"	"	
Lead	ND	0.050	"	"	"	SCH	"	"	"	
Nickel	ND	0.040	"	"	"	SCH	"	"	"	
Selenium	ND	0.050	"	"	"	SCH	"	"	"	
Silver	ND	0.005	"	"	"	SCH	"	"	"	
Vanadium	ND	0.050	"	"	"	SCH	"	"	"	
Zinc	ND	0.020	"	"	"	SCH	"	"	"	
Mercury by EPA 7000 Series Methods CVAAS										
Mercury	ND	0.003	mg/L	1.0	8F29030	MMG	06/29/2018 12:00	07/02/2018 12:24	SW 7470A	

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Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/10/2018 08:40

Soil Leachate

1806414-13 (Leachate)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	0.050	mg/L	1.0	8F28003	SCH	06/27/2018 11:45	06/28/2018 14:27	SW 6010B	
Barium	0.039	0.010	"	"	"	SCH	"	"	"	
Cadmium	ND	0.005	"	"	"	SCH	"	"	"	
Chromium	ND	0.010	"	"	"	SCH	"	"	"	
Copper	0.019	0.010	"	"	"	SCH	"	"	"	
Lead	ND	0.050	"	"	"	SCH	"	"	"	
Nickel	ND	0.040	"	"	"	SCH	"	"	"	
Selenium	ND	0.050	"	"	"	SCH	"	"	"	
Silver	ND	0.005	"	"	"	SCH	"	"	"	
Vanadium	ND	0.050	"	"	"	SCH	"	"	"	
Zinc	18.0	0.020	"	"	"	SCH	"	"	"	
Mercury by EPA 7000 Series Methods CVAAS										
Mercury	ND	0.003	mg/L	1.0	8F29030	MMG	06/29/2018 12:00	07/02/2018 12:24	SW 7470A	

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 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/10/2018 08:40

Concrete Washout/Soil Leachate
1806414-14 (Leachate)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	0.050	mg/L	1.0	8F28003	SCH	06/27/2018 11:45	06/28/2018 14:34	SW 6010B	
Barium	0.038	0.010	"	"	"	SCH	"	"	"	
Cadmium	ND	0.005	"	"	"	SCH	"	"	"	
Chromium	ND	0.010	"	"	"	SCH	"	"	"	
Copper	0.020	0.010	"	"	"	SCH	"	"	"	
Lead	ND	0.050	"	"	"	SCH	"	"	"	
Nickel	ND	0.040	"	"	"	SCH	"	"	"	
Selenium	ND	0.050	"	"	"	SCH	"	"	"	
Silver	ND	0.005	"	"	"	SCH	"	"	"	
Vanadium	ND	0.050	"	"	"	SCH	"	"	"	
Zinc	18.6	0.020	"	"	"	SCH	"	"	"	
Mercury by EPA 7000 Series Methods CVAAS										
Mercury	ND	0.003	mg/L	1.0	8F29030	MMG	06/29/2018 12:00	07/02/2018 12:24	SW 7470A	

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Concrete Washout/Soil SPLP

1806414-15 (Solid)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
SPLP Metals by EPA Method 1312/6010B										
Arsenic	ND	0.050	mg/L	1.0	8F28003	SCH	06/27/2018 11:45	06/28/2018 14:49	SW 6010B	
Barium	0.016	0.010	"	"	"	SCH	"	"	"	
Cadmium	ND	0.005	"	"	"	SCH	"	"	"	
Chromium	ND	0.010	"	"	"	SCH	"	"	"	
Copper	0.012	0.010	"	"	"	SCH	"	"	"	
Lead	ND	0.050	"	"	"	SCH	"	"	"	
Nickel	ND	0.040	"	"	"	SCH	"	"	"	
Selenium	ND	0.050	"	"	"	SCH	"	"	"	
Silver	ND	0.005	"	"	"	SCH	"	"	"	
Vanadium	ND	0.050	"	"	"	SCH	"	"	"	
Zinc	ND	0.050	"	"	"	SCH	"	"	"	
SPLP Mercury by EPA Method 1312/7470A										
Mercury	ND	0.015	mg/L	1.0	8F29031	MMG	06/29/2018 10:30	07/02/2018 12:24	SW 7470A	

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
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Batch 8F22028 - EPA 3050B DCN 1017 Rev 8

Blank (8F22028-BLK1)

Arsenic	6/26/18 13:04	ND	2.50	mg/kg dry wt.							
Barium	6/26/18 13:04	ND	0.500	"							
Chromium	6/27/18 15:57	ND	0.500	"							
Copper	6/26/18 13:04	ND	0.500	"							
Lead	6/26/18 13:04	ND	2.50	"							
Zinc	6/26/18 13:04	ND	5.00	"							

LCS (8F22028-BS1)

Arsenic	6/26/18 13:10	9.85	2.50	mg/kg dry wt.	10.0		98.5	85-115			
Barium	6/26/18 13:10	9.94	0.500	"	10.0		99.4	85-115			
Chromium	6/27/18 16:00	9.97	0.500	"	10.0		99.7	85-115			
Copper	6/26/18 13:10	10.6	0.500	"	10.0		106	85-115			
Lead	6/26/18 13:10	10.9	2.50	"	10.0		109	85-115			
Zinc	6/26/18 13:10	10.6	5.00	"	10.0		106	85-115			

LCS Dup (8F22028-BSD1)

Arsenic	6/26/18 13:16	9.85	2.50	mg/kg dry wt.	10.0		98.5	85-115	0.0280	20	
Barium	6/26/18 13:16	9.95	0.500	"	10.0		99.5	85-115	0.142	20	
Chromium	6/27/18 16:03	9.56	0.500	"	10.0		95.6	85-115	4.20	20	
Copper	6/26/18 13:16	10.8	0.500	"	10.0		108	85-115	2.21	20	
Lead	6/26/18 13:16	11.0	2.50	"	10.0		110	85-115	0.148	20	
Zinc	6/26/18 13:16	10.3	5.00	"	10.0		103	85-115	3.03	20	

Duplicate (8F22028-DUP1)

Source: 1806414-03

Arsenic	6/26/18 13:31	65.8	2.50	mg/kg dry wt.		74.7			12.7	20	
Barium	6/26/18 13:31	647	0.500	"		553			15.6	20	QD-11
Chromium	6/26/18 13:31	26.9	0.500	"		38.1			34.3	20	RPD04
Copper	6/26/18 13:31	96.1	0.500	"		91.5			4.87	20	
Lead	6/26/18 13:31	1120	2.50	"		1220			8.41	20	QD-11
Zinc	6/26/18 13:31	951	5.00	"		1040			8.64	20	QD-11

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
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Batch 8F22028 - EPA 3050B DCN 1017 Rev 8

Matrix Spike (8F22028-MS1)

Source: 1806414-03

Arsenic	6/26/18 13:38	83.2	2.50	mg/kg dry wt.	9.98	74.7	85.6	75-125			
Chromium	6/26/18 13:38	39.5	0.499	"	9.98	38.1	14.2	75-125			QM-08
Copper	6/26/18 13:38	145	0.499	"	9.98	91.5	540	75-125			QM-09

Batch 8F28003 - EPA 3010A DCN 1017 Rev 8

Blank (8F28003-BLK1)

Arsenic	6/28/18 13:44	ND	0.050	mg/L							
Barium	6/28/18 13:44	ND	0.010	"							
Cadmium	6/28/18 13:44	ND	0.005	"							
Chromium	6/28/18 13:44	ND	0.010	"							
Copper	6/28/18 13:44	ND	0.010	"							
Lead	6/28/18 13:44	ND	0.050	"							
Nickel	6/28/18 13:44	ND	0.040	"							
Selenium	6/28/18 13:44	ND	0.050	"							
Silver	6/28/18 13:44	ND	0.005	"							
Vanadium	6/28/18 13:44	ND	0.050	"							
Zinc	6/28/18 13:44	ND	0.020	"							

LCS (8F28003-BS1)

Arsenic	6/28/18 13:50	0.204	0.050	mg/L	0.200		102	85-115			
Barium	6/28/18 13:50	0.196	0.010	"	0.200		98.0	85-115			
Cadmium	6/28/18 13:50	0.197	0.005	"	0.200		98.5	85-115			
Chromium	6/28/18 13:50	0.185	0.010	"	0.200		92.7	85-115			
Copper	6/28/18 13:50	0.220	0.010	"	0.200		110	85-115			
Lead	6/28/18 14:11	0.189	0.050	"	0.200		94.3	85-115			
Nickel	6/28/18 13:50	0.183	0.040	"	0.200		91.7	85-115			
Selenium	6/28/18 13:50	0.191	0.050	"	0.200		95.6	85-115			
Silver	6/28/18 13:50	0.103	0.005	"	0.100		103	85-115			
Vanadium	6/28/18 13:50	0.185	0.050	"	0.200		92.7	85-115			
Zinc	6/28/18 13:50	0.183	0.020	"	0.200		91.6	85-115			

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
Batch 8F28003 - EPA 3010A DCN 1017 Rev 8											
LCS Dup (8F28003-BSD1)											
Arsenic	6/28/18 13:56	0.206	0.050	mg/L	0.200		103	85-115	0.971	20	
Barium	6/28/18 13:56	0.192	0.010	"	0.200		96.1	85-115	1.92	20	
Cadmium	6/28/18 13:56	0.196	0.005	"	0.200		98.0	85-115	0.473	20	
Chromium	6/28/18 13:56	0.183	0.010	"	0.200		91.6	85-115	1.27	20	
Copper	6/28/18 13:56	0.195	0.010	"	0.200		97.4	85-115	11.9	20	
Lead	6/28/18 13:56	0.193	0.050	"	0.200		96.3	85-115	2.13	20	
Nickel	6/28/18 13:56	0.184	0.040	"	0.200		91.9	85-115	0.132	20	
Selenium	6/28/18 13:56	0.189	0.050	"	0.200		94.3	85-115	1.32	20	
Silver	6/28/18 13:56	0.103	0.005	"	0.100		103	85-115	0.259	20	
Vanadium	6/28/18 13:56	0.183	0.050	"	0.200		91.7	85-115	1.00	20	
Zinc	6/28/18 13:56	0.181	0.020	"	0.200		90.5	85-115	1.21	20	
Duplicate (8F28003-DUP1) Source: 1806414-14											
Zinc	6/28/18 14:41	19.1	0.020	mg/L		18.6			2.44	20	QD-10
Matrix Spike (8F28003-MS1) Source: 1806414-14											
Arsenic	6/28/18 14:41	0.239	0.050	mg/L	0.200	0.042	98.6	75-125			
Barium	6/28/18 14:41	0.231	0.010	"	0.200	0.038	96.3	75-125			
Cadmium	6/28/18 14:41	0.194	0.005	"	0.200	0.003	95.7	75-125			
Chromium	6/28/18 14:41	0.180	0.010	"	0.200	0.008	86.2	75-125			
Copper	6/28/18 14:41	0.209	0.010	"	0.200	0.020	94.7	75-125			
Lead	6/28/18 14:41	0.184	0.050	"	0.200	ND	92.2	75-125			
Nickel	6/28/18 14:41	0.210	0.040	"	0.200	0.036	86.8	75-125			
Selenium	6/28/18 14:41	0.199	0.050	"	0.200	ND	99.7	75-125			
Silver	6/28/18 14:41	0.098	0.005	"	0.100	ND	97.7	75-125			
Vanadium	6/28/18 14:41	0.190	0.050	"	0.200	0.005	92.3	75-125			
Matrix Spike (8F28003-MS2) Source: 1806414-15											
Arsenic	6/28/18 14:56	0.235	0.050	mg/L	0.200	0.025	105	75-125			
Barium	6/28/18 14:56	0.206	0.010	"	0.200	0.016	94.9	75-125			
Cadmium	6/28/18 14:56	0.196	0.005	"	0.200	ND	97.9	75-125			
Chromium	6/28/18 14:56	0.190	0.010	"	0.200	0.008	91.0	75-125			
Copper	6/28/18 14:56	0.201	0.010	"	0.200	0.012	94.4	75-125			
Lead	6/28/18 14:56	0.215	0.050	"	0.200	0.024	95.5	75-125			
Nickel	6/28/18 14:56	0.180	0.040	"	0.200	ND	89.9	75-125			
Selenium	6/28/18 14:56	0.198	0.050	"	0.200	ND	99.0	75-125			
Silver	6/28/18 14:56	0.102	0.005	"	0.100	ND	102	75-125			
Vanadium	6/28/18 14:56	0.195	0.050	"	0.200	0.007	94.1	75-125			
Zinc	6/28/18 14:56	0.197	0.020	"	0.200	0.023	87.1	75-125			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
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Batch 8F28019 - EPA 3050B DCN 1017 Rev 8

Blank (8F28019-BLK1)

Arsenic	6/26/18 13:04	ND	2.50	mg/kg dry wt.							
Barium	6/26/18 13:04	ND	0.500	"							
Cadmium	6/26/18 13:04	ND	0.500	"							
Chromium	6/27/18 15:57	ND	0.500	"							
Copper	6/26/18 13:04	ND	0.500	"							
Lead	6/26/18 13:04	ND	2.50	"							
Nickel	6/26/18 13:04	ND	2.00	"							
Selenium	6/26/18 13:04	ND	2.50	"							
Silver	6/27/18 15:57	ND	0.250	"							
Vanadium	6/26/18 13:04	ND	2.50	"							
Zinc	6/26/18 13:04	ND	5.00	"							

LCS (8F28019-BS1)

Arsenic	6/26/18 13:10	9.85	2.50	mg/kg dry wt.	10.0		98.5	85-115			
Barium	6/26/18 13:10	9.94	0.500	"	10.0		99.4	85-115			
Cadmium	6/26/18 13:10	10.3	0.500	"	10.0		103	85-115			
Chromium	6/27/18 16:00	9.97	0.500	"	10.0		99.7	85-115			
Copper	6/26/18 13:10	10.6	0.500	"	10.0		106	85-115			
Lead	6/26/18 13:10	10.9	2.50	"	10.0		109	85-115			
Nickel	6/26/18 13:10	9.61	2.00	"	10.0		96.1	85-115			
Selenium	6/26/18 13:10	10.2	2.50	"	10.0		102	85-115			
Silver	6/27/18 16:00	4.62	0.250	"	5.00		92.5	85-115			
Vanadium	6/26/18 13:10	10.4	2.50	"	10.0		104	85-115			
Zinc	6/26/18 13:10	10.6	5.00	"	10.0		106	85-115			

LCS Dup (8F28019-BSD1)

Arsenic	6/26/18 13:16	9.85	2.50	mg/kg dry wt.	10.0		98.5	85-115	0.0280	20	
Barium	6/26/18 13:16	9.95	0.500	"	10.0		99.5	85-115	0.142	20	
Cadmium	6/26/18 13:16	10.6	0.500	"	10.0		106	85-115	2.40	20	
Chromium	6/27/18 16:03	9.56	0.500	"	10.0		95.6	85-115	4.20	20	
Copper	6/26/18 13:16	10.8	0.500	"	10.0		108	85-115	2.21	20	
Lead	6/26/18 13:16	11.0	2.50	"	10.0		110	85-115	0.148	20	
Nickel	6/26/18 13:16	9.56	2.00	"	10.0		95.6	85-115	0.541	20	
Selenium	6/26/18 13:16	10.1	2.50	"	10.0		101	85-115	0.483	20	
Silver	6/27/18 16:03	4.56	0.250	"	5.00		91.2	85-115	1.38	20	
Vanadium	6/26/18 13:16	10.4	2.50	"	10.0		104	85-115	0.366	20	
Zinc	6/26/18 13:16	10.3	5.00	"	10.0		103	85-115	3.03	20	

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
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Batch 8F28019 - EPA 3050B DCN 1017 Rev 8

Duplicate (8F28019-DUP1)

Source: 1806414-11

Arsenic	6/26/18 16:15	ND	2.47	mg/kg dry wt.		ND				20	
Barium	6/26/18 16:15	74.9	0.495	"		67.5			10.3	20	
Cadmium	6/26/18 16:15	ND	0.495	"		ND				20	
Chromium	6/27/18 16:16	5.40	0.495	"		5.68			4.97	20	
Copper	6/26/18 16:15	5.33	0.495	"		4.58			15.1	20	
Lead	6/26/18 16:15	2.29	2.47	"		2.94			25.0	20	RPD04
Nickel	6/26/18 16:15	1.95	1.98	"		1.98			1.31	20	
Selenium	6/26/18 16:15	ND	2.47	"		ND				20	
Silver	6/27/18 16:16	0.001	0.247	"		0.001			12.9	20	
Vanadium	6/26/18 16:15	7.00	2.47	"		6.50			7.41	20	
Zinc	6/26/18 16:15	28.0	4.95	"		28.1			0.394	20	

Matrix Spike (8F28019-MS1)

Source: 1806414-11

Arsenic	6/26/18 16:22	9.70	2.49	mg/kg dry wt.	9.96	ND	97.3	75-125			
Barium	6/26/18 16:22	79.6	0.498	"	9.96	67.5	122	75-125			
Cadmium	6/26/18 16:22	9.08	0.498	"	9.96	ND	91.1	75-125			
Chromium	6/27/18 16:19	14.6	0.498	"	9.96	5.68	89.7	75-125			
Copper	6/26/18 16:22	14.0	0.498	"	9.96	4.58	94.6	75-125			
Lead	6/26/18 16:22	12.1	2.49	"	9.96	2.94	91.7	75-125			
Nickel	6/26/18 16:22	10.2	1.99	"	9.96	1.98	82.3	75-125			
Selenium	6/26/18 16:22	9.89	2.49	"	9.96	ND	99.3	75-125			
Silver	6/27/18 16:19	5.03	0.249	"	4.98	0.001	101	75-125			
Vanadium	6/26/18 16:22	14.7	2.49	"	9.96	6.50	82.2	75-125			
Zinc	6/26/18 16:22	37.0	4.98	"	9.96	28.1	89.8	75-125			

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 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/10/2018 08:40

Mercury by EPA 7000 Series Methods CVAAS - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
Batch 8F29030 - EPA 7470A DCN 1017 Rev 8											
Blank (8F29030-BLK1)											
Mercury	7/2/18 12:24	ND	0.003	mg/L							
LCS (8F29030-BS1)											
Mercury	7/2/18 12:24	0.021	0.003	mg/L	0.0200		107	85-115			
LCS Dup (8F29030-BSD1)											
Mercury	7/2/18 12:24	0.020	0.003	mg/L	0.0200		101	85-115	5.80	20	
Matrix Spike (8F29030-MS1) Source: 1806414-12											
Mercury	7/2/18 12:24	0.021	0.003	mg/L	0.0200	ND	106	75-125			
Batch 8G02034 - EPA 7471B DCN 1017 Rev 8											
Blank (8G02034-BLK1)											
Mercury	7/2/18 16:45	ND	0.020	mg/kg dry wt.							
LCS (8G02034-BS1)											
Mercury	7/2/18 16:45	0.095	0.020	mg/kg dry wt.	0.100		95.3	80-120			
LCS Dup (8G02034-BSD1)											
Mercury	7/2/18 16:45	0.095	0.020	mg/kg dry wt.	0.100		95.2	80-120	0.105	20	
Duplicate (8G02034-DUP1) Source: 1806541-01											
Mercury	7/2/18 16:45	0.018	0.033	mg/kg dry wt.		0.019			6.63	20	
Matrix Spike (8G02034-MS1) Source: 1806541-01											
Mercury	7/2/18 16:45	0.173	0.033	mg/kg dry wt.	0.165	0.019	93.6	80-120			

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

SPLP Metals by EPA Method 1312/6010B - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
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Batch 8F28003 - EPA 3010A DCN 1017 Rev 8

Blank (8F28003-BLK1)

Arsenic	6/28/18 13:44	ND	0.050	mg/L							
Barium	6/28/18 13:44	ND	0.010	"							
Cadmium	6/28/18 13:44	ND	0.005	"							
Chromium	6/28/18 13:44	ND	0.010	"							
Copper	6/28/18 13:44	ND	0.010	"							
Lead	6/28/18 13:44	ND	0.050	"							
Nickel	6/28/18 13:44	ND	0.040	"							
Selenium	6/28/18 13:44	ND	0.050	"							
Silver	6/28/18 13:44	ND	0.005	"							
Vanadium	6/28/18 13:44	ND	0.050	"							
Zinc	6/28/18 13:44	ND	0.050	"							

LCS (8F28003-BS1)

Arsenic	6/28/18 13:50	0.204	0.050	mg/L	0.200		102	85-115			
Barium	6/28/18 13:50	0.196	0.010	"	0.200		98.0	85-115			
Cadmium	6/28/18 13:50	0.197	0.005	"	0.200		98.5	85-115			
Chromium	6/28/18 13:50	0.185	0.010	"	0.200		92.7	85-115			
Copper	6/28/18 13:50	0.220	0.010	"	0.200		110	85-115			
Lead	6/28/18 14:11	0.189	0.050	"	0.200		94.3	85-115			
Nickel	6/28/18 13:50	0.183	0.040	"	0.200		91.7	85-115			
Selenium	6/28/18 13:50	0.191	0.050	"	0.200		95.6	85-115			
Silver	6/28/18 13:50	0.103	0.005	"	0.100		103	85-115			
Vanadium	6/28/18 13:50	0.185	0.050	"	0.200		92.7	85-115			
Zinc	6/28/18 13:50	0.183	0.050	"	0.200		91.6	85-115			

LCS Dup (8F28003-BSD1)

Arsenic	6/28/18 13:56	0.206	0.050	mg/L	0.200		103	85-115	0.971	20	
Barium	6/28/18 13:56	0.192	0.010	"	0.200		96.1	85-115	1.92	20	
Cadmium	6/28/18 13:56	0.196	0.005	"	0.200		98.0	85-115	0.473	20	
Chromium	6/28/18 13:56	0.183	0.010	"	0.200		91.6	85-115	1.27	20	
Copper	6/28/18 13:56	0.195	0.010	"	0.200		97.4	85-115	11.9	20	
Lead	6/28/18 13:56	0.193	0.050	"	0.200		96.3	85-115	2.13	20	
Nickel	6/28/18 13:56	0.184	0.040	"	0.200		91.9	85-115	0.132	20	
Selenium	6/28/18 13:56	0.189	0.050	"	0.200		94.3	85-115	1.32	20	
Silver	6/28/18 13:56	0.103	0.005	"	0.100		103	85-115	0.259	20	
Vanadium	6/28/18 13:56	0.183	0.050	"	0.200		91.7	85-115	1.00	20	
Zinc	6/28/18 13:56	0.181	0.050	"	0.200		90.5	85-115	1.21	20	

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

SPLP Metals by EPA Method 1312/6010B - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
Batch 8F28003 - EPA 3010A DCN 1017 Rev 8											
Duplicate (8F28003-DUP1)		Source: 1806414-14								QD-10	
Zinc	6/28/18 14:41	19.1	0.050	mg/L		18.6			2.44	20	
Matrix Spike (8F28003-MS1)		Source: 1806414-14									
Arsenic	6/28/18 14:41	0.239	0.050	mg/L	0.200	0.042	98.6	75-125			
Barium	6/28/18 14:41	0.231	0.010	"	0.200	0.038	96.3	75-125			
Cadmium	6/28/18 14:41	0.194	0.005	"	0.200	0.003	95.7	75-125			
Chromium	6/28/18 14:41	0.180	0.010	"	0.200	0.008	86.2	75-125			
Copper	6/28/18 14:41	0.209	0.010	"	0.200	0.020	94.7	75-125			
Lead	6/28/18 14:41	0.184	0.050	"	0.200	ND	92.2	75-125			
Nickel	6/28/18 14:41	0.210	0.040	"	0.200	0.036	86.8	75-125			
Selenium	6/28/18 14:41	0.199	0.050	"	0.200	ND	99.7	75-125			
Silver	6/28/18 14:41	0.098	0.005	"	0.100	ND	97.7	75-125			
Vanadium	6/28/18 14:41	0.190	0.050	"	0.200	0.005	92.3	75-125			
Matrix Spike (8F28003-MS2)		Source: 1806414-15									
Arsenic	6/28/18 14:56	0.235	0.050	mg/L	0.200	0.025	105	75-125			
Barium	6/28/18 14:56	0.206	0.010	"	0.200	0.016	94.9	75-125			
Cadmium	6/28/18 14:56	0.196	0.005	"	0.200	ND	97.9	75-125			
Chromium	6/28/18 14:56	0.190	0.010	"	0.200	0.008	91.0	75-125			
Copper	6/28/18 14:56	0.201	0.010	"	0.200	0.012	94.4	75-125			
Lead	6/28/18 14:56	0.215	0.050	"	0.200	0.024	95.5	75-125			
Nickel	6/28/18 14:56	0.180	0.040	"	0.200	ND	89.9	75-125			
Selenium	6/28/18 14:56	0.198	0.050	"	0.200	ND	99.0	75-125			
Silver	6/28/18 14:56	0.102	0.005	"	0.100	ND	102	75-125			
Vanadium	6/28/18 14:56	0.195	0.050	"	0.200	0.007	94.1	75-125			
Zinc	6/28/18 14:56	0.197	0.050	"	0.200	0.023	87.1	75-125			

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 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/10/2018 08:40

SPLP Mercury by EPA Method 1312/7470A - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
Batch 8F29031 - EPA 7470A DCN 1017 Rev 8											
Blank (8F29031-BLK1)											
Mercury	7/2/18 12:24	ND	0.015	mg/L							
LCS (8F29031-BS1)											
Mercury	7/2/18 12:24	0.021	0.015	mg/L	0.0200		107	85-115			
LCS Dup (8F29031-BSD1)											
Mercury	7/2/18 12:24	0.020	0.015	mg/L	0.0200		101	85-115	5.80	20	
Matrix Spike (8F29031-MS1)											
			Source: 1806414-15								
Mercury	7/2/18 12:24	0.020	0.015	mg/L	0.0200	0.0006	95.5	75-125			

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Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Certified Analyses Included in this Report

Analyte	Certification Code
<i>SW 6010B in Soil</i>	
Aluminum	C01,C02
Antimony	C01,C02
Arsenic	C01,C02
Barium	C01,C02
Beryllium	C01,C02
Boron	C01,C02
Cadmium	C01,C02
Calcium	C01,C02
Chromium	C01,C02
Cobalt	C01,C02
Copper	C01,C02
Iron	C01,C02
Lead	C01,C02
Magnesium	C01,C02
Manganese	C01,C02
Molybdenum	C01,C02
Nickel	C01,C02
Potassium	C01,C02
Selenium	C01,C02
Silver	C01,C02
Sodium	C01,C02
Strontium	C01,C02
Thallium	C01,C02
Vanadium	C01,C02
Zinc	C01,C02
<i>SW 6010B in Solid</i>	
Aluminum	C01,C02
Antimony	C01,C02
Arsenic	C01,C02
Barium	C01,C02
Beryllium	C01,C02
Boron	C01,C02
Cadmium	C01,C02
Calcium	C01,C02
Chromium	C01,C02
Cobalt	C01,C02
Copper	C01,C02
Iron	C01,C02
Lead	C01,C02

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Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/10/2018 08:40

Magnesium	C01,C02
Manganese	C01,C02
Molybdenum	C01,C02
Nickel	C01,C02
Potassium	C01,C02
Selenium	C01,C02
Silver	C01,C02
Sodium	C01,C02
Strontium	C01,C02
Thallium	C01,C02
Vanadium	C01,C02
Zinc	C01,C02

SW 7471B in Solid

Mercury	C01,C02
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****Only compounds included in this list are associated with accredited analyses****

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/10/2018 08:40

Laboratory Accreditations/Certifications

Code	Description	Number	Expires
C01	LA Environmental Lab Accreditation Program	01960	06/30/2018
C02	The NELAC Institute (NELAP)	TNI01397	06/30/2018
C03	Ms Dept of Health (Coliform)	MS00021	12/31/2018
C04	Ms Dept of Health (Drinking Water Certificate)	MS00021	12/31/2018
C05	Ms DEQ Lead Firm Certification	PBF-00000028	02/25/2019
C06	MsDEQ Asbestos Inspector : C.D. Bingham	ABI-00001348	03/08/2019
C07	MsDEQ Air Monitor : C.D. Bingham	AM-011572	03/09/2019
C08	MsDEQ Asbestos Inspector: C. W. Meins	ABI-00001821	09/15/2018
C09	MsDEQ Air Monitor : C.W. Meins	AM-011189	03/09/2019
C12	MsDEQ Asbestos Inspector : H.P. Howell	ABI-00001345	03/08/2019
C14	MsDEQ Lead Paint Inspector : C.D. Bingham	PBI-00003690	03/19/2019
C15	MsDEQ Lead Paint Inspector : C.W. Meins	PBI-00001740	03/19/2019

Report Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the minimum reporting limit
NR	Not Reported
RPD	Relative Percent Difference
ICV	Initial Calibration Verification
CCV	Continuing Calibration Verification Standard
SSV	Secondary Source Verification Standard
LCS	Lab Control Spike - Lab matrix prepared with known concentration of analyte/s of interest analyzed by method.
MS	Matrix Spike - Sample prepared with known concentration of analyte/s of interest analyzed by method.
MSD	Matrix Spike Duplicate - Duplicate sample prepared with known concentration of analyte/s of interest analyzed by method.
MRL	Minimum Reporting Limit
%REC	Percentage Recovery of known concentration added to matrix
Batch	Group of samples prepared for analysis not to exceed 20 samples.
Matrix	Material containing analyte/s of interest
Surrogate	Analyte added to sample to determine extraction efficiency of method.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/10/2018 08:40

Analyst Initials Key

<u>FullName</u>	<u>Initials</u>
Barbara K. McMillan	BKM
Harold R Scrugss	HRS
Harry P. Howell	HPH
Kristy L. Pierce	KLP
Michelle M Gallegos	MMG
Sarah E. Tomek	SET
Samantha C. Hall	SCH
Teresa Meins	TKM
Tina Tomek	TPT

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H. McCollins Company, Inc. 1806414
Hood Packaging - Uvalde, Texas

Martin Rollins 228-43271738

1. 10 separate ^{soil} samples from different spots.
Analyze for T. Arsenic, Lead, Barium, Zinc
2. Analyze concrete washout for ^(?)
full list of metals, + semi-volatiles
Pb, Cu, Ni, V, Zn
3. Column work.
 - A. 3 inches depth of concrete washout
Sample from top with SPLP fluid
4.2 pH. Leach 1 hr through
+ look for full list of metals
 - B. 12 inches of soil. Sample
+ Leach as before
Analyze for full list of metals
 - C. 12 inches soil topped by 3 inches of
washout. Sample +
Leach as before
Analyze for full list of metals

Important to slowly saturate
without disturbing the sample.
If too violent silt comes to
top & stops flow.

1806414

2

D. Run standard SPLP on sample composed of 25% concrete washout and 75% soil. Based on dry weight. Analyze for full list of metals

1. Test soils
2. 3 to 1 by weight
3. SPLP for whole list
How many SPLP's

1806414

Analytes

RCRA Metals

Arsenic

Barium

Cadmium

Chromium

Lead

Mercury

Selenium

Silver

Plus

Copper

Nickel

Vanadium

Zinc

For #2 add semivolatiles

Micro-Methods Issue Date: 11-22-17	Micro-Methods Laboratory Log-In Checklist	DCN: F207
		Date Revised: 11-22-17
		Revision: 5

Client Rollins WO 1806414 Shipped By client
 Date/Time Received 12/18/18 1441 Unpacked/Checked By JF

Cooler ID	Ice Present Yes/No	Temperature (Corrected)	Thermometer ID	Custody Sealed Yes/No	Custody Seal Intact Yes/No
<u>none</u>	<u>no</u>	<u>27.3c</u>	<u>T#4</u>	<u>n/a</u>	<u>n/a</u>

If not iced, were samples received within one hour of collection? Yes ___ No ___ N/A
 Temperature Blank Used Yes ___ No If not, temperature taken from cooler ___ or bottle
 Multi Cooler shipment: ID of samples in coolers that exceed 6°C _____

Custody Seals on Bottles Present Yes ___ No
 Containers Intact Yes No ___
 Proper Containers for Requested Analysis Yes No ___
 Correct Preservation Used for All Samples Yes No ___
 Adequate Sample for Analysis Requested Yes No ___
 Volatile Vials Headspace Greater than 6mm in Diameter Yes ___ No ___ N/A
 Chain of Custody Form Included Yes No ___
 Chain of Custody Form Complete Yes No ___
 Chain of Custody Form Properly Relinquished Yes No ___
 Field Sheets/Special Instructions Included Yes ___ No ___ N/A
 Samples Missing on COC or From Cooler Yes ___ No
 Sample Container Labels Match COC Yes No ___
 Samples Received Within Holding Time Yes No ___
 Dept. Manager Notified of Rush/Short Holding Times Yes ___ No ___ N/A
 Does work order meet Micro Methods sample acceptance criteria Yes No ___
 Note: Samples that do not meet acceptance criteria must be documented in the Sample Rejection Log.

Client Contacted _____ Contacted By _____ Date/Time _____
 Client Instructions: Cancel Work Order _____
 Proceed with Work Order _____ (Data will be qualified)
 Comments: _____

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6500 Sunplex Drive
Ocean Springs, MS 39564
228.875.6420 Phone
228.875.6423 Fax

July 24, 2018

Martin Rollins

Work Order # : 1807161

HM Rollins Company
PO Box 3471
Gulfport, MS 39505

Purchase Order #:

RE: Hood Packaging Valdosta, GA SPLP Study

Enclosed are Micro-Methods Laboratory, Inc. results of analyses performed on samples received 06/12/2018 14:41. If you have any questions concerning this report, please feel free to contact the office.

A handwritten signature in black ink that reads 'Harry P. Howell'.

Harry P. Howell

President
Micro-Methods Laboratory, Inc.



DISCLAIMER

The results only relate to the items or the sample and/or samples received by the laboratory. This report shall not be reproduced except in full, without the approval of the laboratory. All NELAP certified test methods performed meet the requirements of NELAC 2009 Standards. Any variances and/or deviations specific to this analytical report are referenced in the lab report using qualifiers and detailed explanations found in the case narrative.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date/Time Sampled	Sampled by	Date/Time Received
Tract 2 Composite	1807161-01	Soil	06/12/2018 12:00	HM Rollins	06/12/2018 14:41

Sample Receipt Conditions

Date/Time Received: 6/12/2018 2:41:00PM

Shipped by: Client Delivery

Received by: Harry P. Howell

Submitted by: HM Rollins

Date/Time Logged: 7/10/2018 11:22:00AM

Logged by: Sarah E. Tomek

 Cooler ID: no cooler

 Receipt Temperature: 27.30 °C

<i>Custody Seals</i>	<i>No</i>
<i>Containers Intact</i>	<i>Yes</i>
<i>COC/Labels Agree</i>	<i>Yes</i>
<i>Labels Complete</i>	<i>No</i>
<i>COC Complete</i>	<i>Yes</i>

<i>Received on Ice</i>	<i>No</i>
<i>No Ice, Short Trip</i>	<i>No</i>
<i>Obvious Contamination</i>	<i>No</i>
<i>Rush to meet HT</i>	<i>No</i>

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/24/2018 16:07

CASE NARRATIVE SUMMARY

All reported results are within Micro-Methods Laboratory, Inc. defined laboratory quality control objectives unless detailed in narrative summary or identified as qualifications. NOTE: All results listed on this report are calculated on a wet weight basis (as received by the laboratory) unless otherwise noted in the analysis qualification sections.

Summary Comments:

Metals Analyst Comments-SCH:

Original analysis for Total Metals by 6010B yielded unacceptable QC results. A new portion of sample was reprocessed using a decreased sample amount. Results for Total Arsenic, Chromium, and Lead reported from the reprocessed samples only (indicated by RE2).

SPLP Metals-SW 6010B

Qualification:

CC-01 CCV above acceptance limits. Results reported from this calibration were below the reporting limits.

Analyte & Samples(s) Qualified:

Silver

1807161-01[Tract 2 Composite]

CC-03 CCV above acceptance limits. QC Results reported from this calibration within acceptance limits.

Analyte & Samples(s) Qualified:

Silver

8G11062-BLK1, 8G11062-BS1, 8G11062-BSD1, 8G11062-MS1, 8G11064-BLK1, 8G11064-BS1, 8G11064-BSD1, 8G11064-MS1

QD-11 The analyte concentration is greater than 10 times the spike concentration. Duplicate only reported for this analyte. The QC batch was accepted based on LCS/LCSD and Duplicate recoveries within the acceptance limits.

Analyte & Samples(s) Qualified:

Barium, Lead

8G11046-DUP1, 8G20018-DUP1

RPD03 The RPD value for the sample duplicate or MS/MSD exceeded QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

Analyte & Samples(s) Qualified:

Chromium, Silver

8G20018-DUP1, 8G11046-DUP1

Mercury Total-SW 7471B

Qualification:

HT-01 The recommended Holding Time for this analysis was exceeded. The Client was notified of the exceedance. The Client instructed the Laboratory to analyze the sample.

Analyte & Samples(s) Qualified:

1807161-01[Tract 2 Composite]

QM-08 The spike recovery was below acceptance limits for the MS and/or MSD. The results were accepted based on acceptable LCS and/or LCSD recoveries.

Analyte & Samples(s) Qualified:

Mercury

8G16039-MS1

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HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/24/2018 16:07

Tract 2 Composite

1807161-01 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
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Metals by EPA 6000 Series Methods ICP-AES

Barium	618	0.497	mg/kg dry wt.	1.0	8G11046	SCH	07/11/2018 09:30	07/12/2018 13:58	SW 6010B	
Cadmium	2.19	0.497	"	"	"	SCH	"	"	"	
Selenium	ND	2.49	"	"	"	SCH	"	"	"	
Silver	2.76	0.249	"	"	"	SCH	"	"	"	

Mercury by EPA 7000 Series Methods CVAAS

HT-01

Mercury	1.93	0.165	mg/kg dry wt.	5.0	8G16039	MMG	07/16/2018 09:00	07/16/2018 14:57	SW 7471B	
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TCLP Metals RCRA8 by EPA Method 1311/6010B

Arsenic	ND	0.100	mg/L	1.0	8G11062	SCH	07/11/2018 10:30	07/18/2018 13:03	SW 6010B	
Barium	ND	0.500	"	"	"	SCH	"	"	"	
Cadmium	ND	0.100	"	"	"	SCH	"	"	"	
Chromium	ND	0.100	"	"	"	SCH	"	"	"	
Lead	0.863	0.100	"	"	"	SCH	"	"	"	
Selenium	ND	0.100	"	"	"	SCH	"	"	"	
Silver	ND	0.100	"	"	"	SCH	"	"	"	CC-01

TCLP Mercury RCRA8 by EPA Method 1311/7470A

Mercury	ND	0.015	mg/L	1.0	8G16050	MMG	07/16/2018 09:00	07/16/2018 17:19	SW 7470A	
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SPLP Metals by EPA Method 1312/6010B

Arsenic	ND	0.100	mg/L	1.0	8G11064	SCH	07/11/2018 10:30	07/18/2018 13:16	SW 6010B	
Barium	ND	0.100	"	"	"	SCH	"	"	"	
Cadmium	ND	0.100	"	"	"	SCH	"	"	"	
Chromium	ND	0.100	"	"	"	SCH	"	"	"	
Lead	ND	0.100	"	"	"	SCH	"	"	"	
Selenium	ND	0.100	"	"	"	SCH	"	"	"	
Silver	ND	0.100	"	"	"	SCH	"	"	"	CC-01

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HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07

Tract 2 Composite
1807161-01 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
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SPLP Mercury by EPA Method 1312/7470A

Mercury	ND	0.015	mg/L	1.0	8G16051	MMG	07/16/2018 09:00	07/16/2018 17:19	SW 7470A	
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HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07

Tract 2 Composite
1807161-01RE2 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Notes
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Metals by EPA 6000 Series Methods ICP-AES

Arsenic	57.9	4.97	mg/kg dry wt.	1.0	8G20018	SCH	07/19/2018 10:00	07/23/2018 17:02	SW 6010B	
Chromium	28.4	0.993	"	"	"	SCH	"	"	"	
Lead	1060	4.97	"	"	"	SCH	"	"	"	

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HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/24/2018 16:07

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8G11046 - EPA 3050B DCN 1017 Rev 8

Prepared: 07/11/201 Analyzed: 07/12/201

Blank (8G11046-BLK1)

Barium	ND	0.500ng/kg dry w								
Cadmium	ND	0.500	"							
Selenium	ND	2.50	"							
Silver	ND	0.250	"							

LCS (8G11046-BS1)

Barium	9.73	0.500ng/kg dry w		10.0		97.3	85-115			
Cadmium	10.0	0.500	"	10.0		100	85-115			
Selenium	9.44	2.50	"	10.0		94.4	85-115			
Silver	5.07	0.250	"	5.00		101	85-115			

LCS Dup (8G11046-BSD1)

Barium	9.74	0.500ng/kg dry w		10.0		97.4	85-115	0.0691	20	
Cadmium	9.84	0.500	"	10.0		98.4	85-115	1.95	20	
Selenium	9.70	2.50	"	10.0		97.0	85-115	2.65	20	
Silver	5.20	0.250	"	5.00		104	85-115	2.44	20	

Duplicate (8G11046-DUP1)

Source: 1807161-01

Barium	691	0.498ng/kg dry w			618			11.2	20	QD-11
Cadmium	1.94	0.498	"		2.19			12.0	20	
Selenium	ND	2.49	"		ND				20	
Silver	1.89	0.249	"		2.76			37.5	20	RPD03

Matrix Spike (8G11046-MS1)

Source: 1807161-01

Cadmium	10.1	0.495ng/kg dry w		9.91	2.19	79.9	75-125			
Selenium	8.25	2.48	"	9.91	ND	83.3	75-125			
Silver	7.02	0.248	"	4.95	2.76	86.0	75-125			

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HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
Project Number: [none]
Project Manager: Martin Rollins

Reported:
07/24/2018 16:07

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8G20018 - EPA 3050B DCN 1017 Rev 8

Prepared: 07/19/201 Analyzed: 07/23/201

Blank (8G20018-BLK1)

Arsenic	ND	2.50ng/kg dry w/								
Chromium	ND	0.500	"							
Lead	ND	2.50	"							

LCS (8G20018-BS1)

Arsenic	9.88	2.50ng/kg dry w/		10.0		98.8	85-115			
Chromium	9.92	0.500	"	10.0		99.2	85-115			
Lead	10.1	2.50	"	10.0		101	85-115			

LCS Dup (8G20018-BSD1)

Arsenic	9.68	2.50ng/kg dry w/		10.0		96.8	85-115	2.00	20	
Chromium	9.66	0.500	"	10.0		96.6	85-115	2.71	20	
Lead	10.1	2.50	"	10.0		101	85-115	0.231	20	

Duplicate (8G20018-DUP1)

Source: 1807161-01RE:

Arsenic	70.7	4.99ng/kg dry w/			57.9			19.8	20	
Chromium	42.6	0.998	"		28.4			40.1	20	RPD03
Lead	1200	4.99	"		1060			12.2	20	QD-11

Matrix Spike (8G20018-MS1)

Source: 1807161-01RE:

Arsenic	80.4	4.96ng/kg dry w/		19.9	57.9	113	75-125			
Chromium	45.3	0.993	"	19.9	28.4	85.2	75-125			

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07

Mercury by EPA 7000 Series Methods CVAAS - Quality Control

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8G16039 - EPA 7471B DCN 1017 Rev 8					<i>Prepared & Analyzed: 07/16/201</i>					
Blank (8G16039-BLK1)										
Mercury	ND	0.020ng/kg dry w								
LCS (8G16039-BS1)										
Mercury	0.110	0.020ng/kg dry w		0.100		110	80-120			
LCS Dup (8G16039-BSD1)										
Mercury	0.107	0.020ng/kg dry w		0.100		107	80-120	2.49	20	
Duplicate (8G16039-DUP1) Source: 1807161-01										
Mercury	1.94	0.165ng/kg dry w				1.93		0.155	20	
Matrix Spike (8G16039-MS1) Source: 1807161-01										
Mercury	2.06	0.166ng/kg dry w		0.166	1.93	75.6	80-120			QM-08

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HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/24/2018 16:07

TCLP Metals RCRA8 by EPA Method 1311/6010B - Quality Control

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8G11062 - EPA 3010A DCN 1017 Rev 8

Prepared: 07/11/201 Analyzed: 07/18/201

Blank (8G11062-BLK1)

Arsenic	ND	0.100	mg/L							
Barium	ND	0.500	"							
Cadmium	ND	0.100	"							
Chromium	ND	0.100	"							
Lead	ND	0.100	"							
Selenium	ND	0.100	"							
Silver	ND	0.100	"							CC-03

LCS (8G11062-BS1)

Arsenic	0.192	0.100	mg/L	0.200		95.9	85-115			
Barium	0.208	0.500	"	0.200		104	85-115			
Cadmium	0.194	0.100	"	0.200		97.0	85-115			
Chromium	0.191	0.100	"	0.200		95.5	85-115			
Lead	0.208	0.100	"	0.200		104	85-115			
Selenium	0.188	0.100	"	0.200		94.2	85-115			
Silver	0.110	0.100	"	0.100		110	85-115			CC-03

LCS Dup (8G11062-BSD1)

Arsenic	0.194	0.100	mg/L	0.200		96.9	85-115	0.969	20	
Barium	0.208	0.500	"	0.200		104	85-115	0.167	20	
Cadmium	0.187	0.100	"	0.200		93.5	85-115	3.72	20	
Chromium	0.188	0.100	"	0.200		94.1	85-115	1.40	20	
Lead	0.207	0.100	"	0.200		104	85-115	0.163	20	
Selenium	0.190	0.100	"	0.200		94.8	85-115	0.618	20	
Silver	0.112	0.100	"	0.100		112	85-115	2.34	20	CC-03

Matrix Spike (8G11062-MS1)

Source: 1807161-01

Arsenic	0.265	0.100	mg/L	0.200	0.064	101	75-125			
Barium	0.306	0.500	"	0.200	0.115	95.4	75-125			
Cadmium	0.179	0.100	"	0.200	0.003	87.7	75-125			
Chromium	0.172	0.100	"	0.200	0.006	83.0	75-125			
Lead	1.06	0.100	"	0.200	0.863	97.9	75-125			
Selenium	0.222	0.100	"	0.200	ND	111	75-125			
Silver	0.098	0.100	"	0.100	ND	98.4	75-125			CC-03

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HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07

TCLP Mercury RCRA8 by EPA Method 1311/7470A - Quality Control

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8G16050 - EPA 7470A DCN 1017 Rev 8
Prepared & Analyzed: 07/16/201
Blank (8G16050-BLK1)

Mercury ND 0.015 mg/L

LCS (8G16050-BS1)

Mercury 0.020 0.015 mg/L 0.0200 100 85-115

LCS Dup (8G16050-BSD1)

Mercury 0.020 0.015 mg/L 0.0200 100 85-115 0.00 20

Matrix Spike (8G16050-MS1)
Source: 1807161-01

Mercury 0.026 0.015 mg/L 0.0200 0.002 120 75-125

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/24/2018 16:07

SPLP Metals by EPA Method 1312/6010B - Quality Control

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8G11064 - EPA 3010A DCN 1017 Rev 8

Prepared: 07/11/201 Analyzed: 07/18/201

Blank (8G11064-BLK1)

Arsenic	ND	0.100	mg/L							
Barium	ND	0.100	"							
Cadmium	ND	0.100	"							
Chromium	ND	0.100	"							
Lead	ND	0.100	"							
Selenium	ND	0.100	"							
Silver	ND	0.100	"							CC-03

LCS (8G11064-BS1)

Arsenic	0.192	0.100	mg/L	0.200		95.9	85-115			
Barium	0.208	0.100	"	0.200		104	85-115			
Cadmium	0.194	0.100	"	0.200		97.0	85-115			
Chromium	0.191	0.100	"	0.200		95.5	85-115			
Lead	0.208	0.100	"	0.200		104	85-115			
Selenium	0.188	0.100	"	0.200		94.2	85-115			
Silver	0.110	0.100	"	0.100		110	85-115			CC-03

LCS Dup (8G11064-BSD1)

Arsenic	0.194	0.100	mg/L	0.200		96.9	85-115	0.969	20	
Barium	0.208	0.100	"	0.200		104	85-115	0.167	20	
Cadmium	0.187	0.100	"	0.200		93.5	85-115	3.72	20	
Chromium	0.188	0.100	"	0.200		94.1	85-115	1.40	20	
Lead	0.207	0.100	"	0.200		104	85-115	0.163	20	
Selenium	0.190	0.100	"	0.200		94.8	85-115	0.618	20	
Silver	0.112	0.100	"	0.100		112	85-115	2.34	20	CC-03

Matrix Spike (8G11064-MS1)

Source: 1807161-01

Arsenic	0.214	0.100	mg/L	0.200	0.009	103	75-125			
Barium	0.242	0.100	"	0.200	0.033	104	75-125			
Cadmium	0.196	0.100	"	0.200	0.0006	97.8	75-125			
Chromium	0.189	0.100	"	0.200	ND	94.5	75-125			
Lead	0.210	0.100	"	0.200	ND	105	75-125			
Selenium	0.191	0.100	"	0.200	ND	95.5	75-125			
Silver	0.111	0.100	"	0.100	ND	111	75-125			CC-03

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07

SPLP Mercury by EPA Method 1312/7470A - Quality Control

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 8G16051 - EPA 7470A DCN 1017 Rev 8
Prepared & Analyzed: 07/16/201
Blank (8G16051-BLK1)

Mercury	ND	0.015	mg/L							
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LCS (8G16051-BS1)

Mercury	0.020	0.015	mg/L	0.0200		100	85-115			
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LCS Dup (8G16051-BSD1)

Mercury	0.020	0.015	mg/L	0.0200		100	85-115	0.00	20	
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Matrix Spike (8G16051-MS1)
Source: 1807161-01

Mercury	0.026	0.015	mg/L	0.0200	0.001	124	75-125			
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HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 07/24/2018 16:07

Certified Analyses Included in this Report

Analyte	Certification Code
<i>Total Metals in Soil</i>	
Aluminum	C01,C02
Antimony	C01,C02
Arsenic	C01,C02
Barium	C01,C02
Beryllium	C01,C02
Boron	C01,C02
Cadmium	C01,C02
Calcium	C01,C02
Chromium	C01,C02
Cobalt	C01,C02
Copper	C01,C02
Iron	C01,C02
Lead	C01,C02
Magnesium	C01,C02
Manganese	C01,C02
Molybdenum	C01,C02
Nickel	C01,C02
Potassium	C01,C02
Selenium	C01,C02
Silver	C01,C02
Sodium	C01,C02
Strontium	C01,C02
Thallium	C01,C02
Vanadium	C01,C02
Zinc	C01,C02
<i>Mercury Total in Soil</i>	
Mercury	C01,C02

****Only compounds included in this list are associated with accredited analyses****

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07

Laboratory Accreditations/Certifications

Code	Description	Number	Expires
C01	LA Environmental Lab Accreditation Program	01960	06/30/2018
C02	The NELAC Institute (NELAP)	TNI01397	06/30/2018
C03	Ms Dept of Health (Coliform)	MS00021	12/31/2018
C04	Ms Dept of Health (Drinking Water Certificate)	MS00021	12/31/2018
C05	Ms DEQ Lead Firm Certification	PBF-00000028	02/25/2019
C06	MsDEQ Asbestos Inspector : C.D. Bingham	ABI-00001348	03/08/2019
C07	MsDEQ Air Monitor : C.D. Bingham	AM-011572	03/09/2019
C08	MsDEQ Asbestos Inspector: C. W. Meins	ABI-00001821	09/15/2018
C09	MsDEQ Air Monitor : C.W. Meins	AM-011189	03/09/2019
C12	MsDEQ Asbestos Inspector : H.P. Howell	ABI-00001345	03/08/2019
C14	MsDEQ Lead Paint Inspector : C.D. Bingham	PBI-00003690	03/19/2019
C15	MsDEQ Lead Paint Inspector : C.W. Meins	PBI-00001740	03/19/2019

Report Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the minimum reporting limit
NR	Not Reported
RPD	Relative Percent Difference
ICV	Initial Calibration Verification
CCV	Continuing Calibration Verification Standard
SSV	Secondary Source Verification Standard
LCS	Lab Control Spike - Lab matrix prepared with known concentration of analyte/s of interest analyzed by method.
MS	Matrix Spike - Sample prepared with known concentration of analyte/s of interest analyzed by method.
MSD	Matrix Spike Duplicate - Duplicate sample prepared with known concentration of analyte/s of interest analyzed by method.
MRL	Minimum Reporting Limit
%REC	Percentage Recovery of known concentration added to matrix
Batch	Group of samples prepared for analysis not to exceed 20 samples.
Matrix	Material containing analyte/s of interest
Surrogate	Analyte added to sample to determine extraction efficiency of method.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Micro-Methods	Micro-Methods Laboratory Log-In Checklist	DCN: F207
Issue Date: 11-22-17		Date Revised: 11-22-17
		Revision: 5

Client Rollins WO 1807161 Shipped By Client JT
 Date/Time Received 6/12/18 1441 Unpacked/Checked By JT

Cooler ID	Ice Present Yes/No	Temperature (Corrected)	Thermometer ID	Custody Sealed Yes/No	Custody Seal Intact Yes/No
<u>nonu</u>	<u>NO</u>	<u>27.3c</u>	<u>T#4</u>	<u>N/A</u>	<u>N/A</u>

If not iced, were samples received within one hour of collection? Yes ___ No ___ N/A
 Temperature Blank Used Yes ___ No If not, temperature taken from cooler ___ or bottle
 Multi Cooler shipment: ID of samples in coolers that exceed 6°C _____

Custody Seals on Bottles Present Yes ___ No
 Containers Intact Yes No ___
 Proper Containers for Requested Analysis Yes No ___

Correct Preservation Used for All Samples Yes No ___
 Adequate Sample for Analysis Requested Yes No ___

Volatile Vials Headspace Greater than 6mm in Diameter Yes ___ No ___ N/A

Chain of Custody Form Included Yes No ___
 Chain of Custody Form Complete Yes No ___
 Chain of Custody Form Properly Relinquished Yes No ___
 Field Sheets/Special Instructions Included Yes ___ No ___ N/A
 Samples Missing on COC or From Cooler Yes ___ No
 Sample Container Labels Match COC Yes No ___

Samples Received Within Holding Time Yes No ___
 Dept. Manager Notified of Rush/Short Holding Times Yes ___ No ___ N/A

Does work order meet Micro Methods sample acceptance criteria Yes No ___
 Note: Samples that do not meet acceptance criteria must be documented in the Sample Rejection Log.

Client Contacted _____ Contacted By _____ Date/Time _____

Client Instructions: Cancel Work Order ___
 Proceed with Work Order ___ (Data will be qualified)

Comments: _____

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

 Project: Hood Packaging Valdosta, GA SPLP Study
 Project Number: [none]
 Project Manager: Martin Rollins

 Reported:
 07/24/2018 16:07


Issue Date: 1-16-2012

**TCLP Regulatory Limit Sheet
 Metals, Volatiles, Semi Volatiles
 Pesticides, Herbicides**

DCN: F031
Date Revised: 1-16-2012
Revision: 5

Micro-Methods Laboratory, Inc.

TCLP REGULATORY LIMITS

	<u>mg/l</u>
<u>TCLP Metals:</u>	
Arsenic	5.0
Barium	100.0
Cadmium	1.0
Chromium	5.0
Lead	5.0
Mercury	0.2
Selenium	1.0
Silver	5.0
<u>Volatile Target Compounds:</u>	
Benzene	0.5
Carbon Tetrachloride	0.5
Chlorobenzene	100.0
Chloroform	6.0
1,2 dichloroethane	0.5
1,1 Dichloroethene	0.7
Methyl Ethyl Ketone (2-Butanone)	200.0
Tetrachloroethene	0.7
Trichloroethene	0.5
Vinyl Chloride	0.2
<u>Semi Volatile Target Compounds:</u>	
1,4 Dichlorobenzene	7.5
2,4 Dinitrotoluene	0.13
2,4,5 Trichlorophenol	400.0
2,4,6 Trichlorophenol	2.0
Hexachlorobenzene	0.13
Hexachlorobutadiene	0.5
Hexachloroethane	3.0
Nitrobenzene	2.0
Pentachlorophenol	100.0
Pyridine	5.0
m-Cresol	200.0
o-Cresol	200.0
p-Cresol	200.0
<u>Pesticide Target Compounds:</u>	
Chlordane	0.03
Endrin	0.02
Heptachlor	0.008
Heptachlor epoxide	0.008
Lindane	0.4
Methoxychlor	10.0
Toxaphene	0.5
<u>Herbicide Target Compounds:</u>	
2,4 D	10.0
2,4,5-TP Silvex	1.0
<u>Inorganic:</u>	
Flash Point	>140°F
Cyanide	<250 mg/kg
Sulfide	500 mg/kg
pH	2.00 - 12.5 SU

TCLP - Toxicity Characteristics Leachate Procedure, SW 846, Sec. 1311

Appendix H



L. MARK BARBER
CITY MANAGER

CITY OF VALDOSTA, GEORGIA



September 7, 2018

Mr. John Smith, Vice President
Hood Packaging Corporation
25 Woodgreen Place
Madison, MS 39110

SUBJECT: HOOD PACKAGING CORPORATION; RIVER STREET, VALDOSTA, GA

Dear Mr. Smith:

At our meeting on May 17, 2018, your environmental consultant, Martin Rollins, P.E. with H. M. Rollins Company, Inc. presented a summary of the Hood Packaging (Hood) property known as Tract 2, located on the south side of River Street in the 900 block. This property is located adjacent to City-owned property that includes a wooded area and John W. Saunders Park.

The City has previously granted permission to install six permanent groundwater monitoring wells in the wooded area just west of the Hood property. At our meeting, you requested permission to install a seventh well on City property near the roadway in the Park. The well would be constructed using flush mount techniques such that the only evidence of its existence would be a small manhole about 10 inches in diameter. This well is being required by the Environmental Protection Division (EPD) of the Georgia Department of Natural Resources (GDNR). The City of Valdosta hereby grants permission for installation of this seventh well. Installation should be coordinated through the City Environmental Manager, Scott Fowler.

At our meeting, we also discussed the placement of an environmental covenant on the City property that would restrict the use of groundwater, including the installation of any drinking water wells on the City-owned property. This covenant would be prepared using EPD's model Uniform Environmental Covenant and would reflect the specific requirements of the EPD. It is my understanding that Hood's Attorney will work with the EPD to prepare an acceptable covenant that will be provided to the City for review and subsequent execution and recording. The City of Valdosta hereby agrees to work with Hood and the EPD in the placement of an acceptable environmental covenant on the City-owned property.


Post Office Box 1125 • 216 East Central Avenue • Valdosta, GA 31603-1125
Telephone (229) 259-3518 • mbarber@valdostacity.com
An Equal Opportunity Employer

VALDOSTA
A City Without Limits

Mr. John Smith
Hood Packaging Corporation
Page Two
September 7, 2018

I hope this letter provides a satisfactory response to the requests made at our meeting. If you need additional assistance in the future, please do not hesitate to let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "L. Mark Barber". The signature is written in a cursive style with a large initial "L" and "M".

L. Mark Barber
City Manager

tsb

cc: Tim Tanner, City Attorney
Scott Fowler, Environmental Manager

Appendix I



Mailing Address:
 PO Box 1410
 Ocean Springs, MS
 39566-1410

6500 Sunplex Drive
 Ocean Springs, MS 39564
 228.875.6420 Phone
 228.875.6423 Fax

December 27, 2017

Martin Rollins

Work Order # : 1712205

HM Rollins Company
 PO Box 3471
 Gulfport, MS 39505

Purchase Order #:

RE: Hood Packaging @ Valdosta, GA

Enclosed are Micro-Methods Laboratory, Inc. results of analyses performed on samples received 12/08/2017 10:50. If you have any questions concerning this report, please feel free to contact the office.

A handwritten signature in black ink that reads "Harry P. Howell".

Harry P. Howell

President
 Micro-Methods Laboratory, Inc.



DISCLAIMER

The results only relate to the items or the sample and/or samples received by the laboratory. This report shall not be reproduced except in full, without the approval of the laboratory. All NELAP certified test methods performed meet the requirements of NELAC 2009 Standards. Any variances and/or deviations specific to this analytical report are referenced in the lab report using qualifiers and detailed explanations found in the case narrative.

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date/Time Sampled	Sampled by	Date/Time Received
SP#1	1712205-01	Soil	07/31/2017 14:50	HM Rollins	12/08/2017 10:50
SP#2	1712205-02	Soil	07/31/2017 15:28	HM Rollins	12/08/2017 10:50
SP#3	1712205-03	Soil	07/31/2017 15:55	HM Rollins	12/08/2017 10:50
SP#4	1712205-04	Soil	07/31/2017 16:15	HM Rollins	12/08/2017 10:50
SP#5	1712205-05	Soil	07/31/2017 16:40	HM Rollins	12/08/2017 10:50
SP#6	1712205-06	Soil	08/01/2017 09:11	HM Rollins	12/08/2017 10:50
SP#7	1712205-07	Soil	08/01/2017 09:27	HM Rollins	12/08/2017 10:50
SP#12	1712205-08	Soil	08/01/2017 10:55	HM Rollins	12/08/2017 10:50
SP#13	1712205-09	Soil	08/01/2017 11:18	HM Rollins	12/08/2017 10:50
SP#18	1712205-10	Soil	08/01/2017 13:42	HM Rollins	12/08/2017 10:50
SP#19	1712205-11	Soil	08/01/2017 13:58	HM Rollins	12/08/2017 10:50
SP#24	1712205-12	Soil	08/01/2017 15:08	HM Rollins	12/08/2017 10:50
SP#25	1712205-13	Soil	08/01/2017 15:26	HM Rollins	12/08/2017 10:50
SP#30	1712205-14	Soil	08/02/2017 09:13	HM Rollins	12/08/2017 10:50
SP#31	1712205-15	Soil	08/01/2017 09:27	HM Rollins	12/08/2017 10:50
SP#32	1712205-16	Soil	08/02/2017 09:47	HM Rollins	12/08/2017 10:50
SP#33	1712205-17	Soil	08/02/2017 10:00	HM Rollins	12/08/2017 10:50
SP#34	1712205-18	Soil	08/02/2017 10:15	HM Rollins	12/08/2017 10:50
SP#35	1712205-19	Soil	08/02/2017 10:31	HM Rollins	12/08/2017 10:50
SP#36	1712205-20	Soil	08/02/2017 10:51	HM Rollins	12/08/2017 10:50

Sample Receipt Conditions

Date/Time Received: 12/8/2017 10:50:00AM

Shipped by: Lab Pick-up

Received by: Sarah E. Tomek

Submitted by: Tyler C. Dupree

Date/Time Logged: 12/8/2017 1:21:00PM

Logged by: Sarah E. Tomek

Cooler ID: no cooler

Receipt Temperature: 16.6 °C

Custody Seals No
Containers Intact Yes
COC/Labels Agree Yes
Labels Complete No
COC Complete Yes

Received on Ice No
No Ice, Short Trip No
Obvious Contamination No
Rush to meet HT No

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

CASE NARRATIVE SUMMARY

All reported results are within Micro-Methods Laboratory, Inc. defined laboratory quality control objectives unless detailed in narrative summary or identified as qualifications. NOTE: All results listed on this report are calculated on a wet weight basis (as received by the laboratory) unless otherwise noted in the analysis qualification sections.

Summary Comments:

Metals Analyst Comments-SCH:

Only DUP results are reported for sample results >10X the spike level. MS1 recovery unacceptable for Arsenic. Suspect spiking error. A post-digestion spike was performed for Arsenic and reported as MS3.

Total Metals-SW 6010B

Qualifiers:

DW Sample Results and Reporting Limits calculated on Dry Weight Basis.

Analyte & Samples(s) Qualified:

, Arsenic, Barium, Lead, Zinc

1712205-01[SP#1], 1712205-02[SP#2], 1712205-03[SP#3], 1712205-04[SP#4], 1712205-05[SP#5], 1712205-06[SP#6], 1712205-07[SP#7],
1712205-08[SP#12], 1712205-09[SP#13], 1712205-10[SP#18], 1712205-11[SP#19], 1712205-12[SP#24], 1712205-13[SP#25],
1712205-14[SP#30], 1712205-15[SP#31], 1712205-16[SP#32], 1712205-17[SP#33], 1712205-18[SP#34], 1712205-19[SP#35],
1712205-20[SP#36], 7L18037-DUP1, 7L18037-DUP2, 7L18037-MS2, 7L18037-MS3

RPD04 The RPD between the sample and sample duplicate exceeded the acceptance limits. The batch was accepted based on the lab controls.

Arsenic, Lead

7L18037-DUP1, 7L18037-DUP2

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

SP#1

1712205-01 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	74.2	2.49	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/21/2017 16:02	SW 6010B	DW
Barium	185	0.497	"	"	"	SCH	"	12/20/2017 13:00	"	
Lead	462	2.49	"	"	"	SCH	"	"	"	
Zinc	97.5	2.49	"	"	"	SCH	"	"	"	

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#2

1712205-02 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	39.5	2.43	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 13:16	SW 6010B	DW
Barium	367	0.486	"	"	"	SCH	"	"	"	
Lead	1370	2.43	"	"	"	SCH	"	"	"	
Zinc	197	2.43	"	"	"	SCH	"	"	"	

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#3

1712205-03 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	20.4	2.50	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 13:22	SW 6010B	DW
Barium	179	0.499	"	"	"	SCH	"	"	"	
Lead	501	2.50	"	"	"	SCH	"	"	"	
Zinc	406	2.50	"	"	"	SCH	"	"	"	

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#4

1712205-04 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	17.3	2.48	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 13:29	SW 6010B	DW
Barium	144	0.496	"	"	"	SCH	"	"	"	
Lead	272	2.48	"	"	"	SCH	"	"	"	
Zinc	7930	12.4	"	5.0	"	SCH	"	12/21/2017 12:05	"	

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#5

1712205-05 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	3.62	2.43	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 13:36	SW 6010B	DW
Barium	96.5	0.486	"	"	"	SCH	"	"	"	
Lead	34.8	2.43	"	"	"	SCH	"	"	"	
Zinc	371	2.43	"	"	"	SCH	"	"	"	

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#6

1712205-06 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	ND	2.40	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 13:43	SW 6010B	
Barium	42.5	0.480	"	"	"	SCH	"	"	"	
Lead	19.3	2.40	"	"	"	SCH	"	"	"	
Zinc	186	2.40	"	"	"	SCH	"	"	"	

DW

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

SP#7

1712205-07 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	55.4	2.48	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 15:23	SW 6010B	DW
Barium	220	0.496	"	"	"	SCH	"	"	"	
Lead	581	2.48	"	"	"	SCH	"	"	"	
Zinc	210	2.48	"	"	"	SCH	"	"	"	

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

SP#12

1712205-08 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	15.0	2.49	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 15:30	SW 6010B	DW
Barium	330	0.498	"	"	"	SCH	"	"	"	
Lead	682	2.49	"	"	"	SCH	"	"	"	
Zinc	49100	49.8	"	20.0	"	SCH	"	12/21/2017 12:11	"	

HM Rollins Company
PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

SP#13

1712205-09 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	36.4	2.43	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 15:37	SW 6010B	DW
Barium	225	0.486	"	"	"	SCH	"	"	"	
Lead	719	2.43	"	"	"	SCH	"	"	"	
Zinc	172	2.43	"	"	"	SCH	"	"	"	

HM Rollins Company
 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#18

1712205-10 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	5.98	2.46	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 15:44	SW 6010B	DW
Barium	474	0.491	"	"	"	SCH	"	"	"	
Lead	153	2.46	"	"	"	SCH	"	"	"	
Zinc	2400	2.46	"	"	"	SCH	"	"	"	

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 PO Box 3471
 Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#19

1712205-11 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	52.9	2.44	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 15:50	SW 6010B	DW
Barium	531	0.488	"	"	"	SCH	"	"	"	
Lead	681	2.44	"	"	"	SCH	"	"	"	
Zinc	851	2.44	"	"	"	SCH	"	"	"	

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 PO Box 3471
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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#24

1712205-12 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	3.73	2.45	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 15:57	SW 6010B	DW
Barium	114	0.490	"	"	"	SCH	"	"	"	
Lead	89.5	2.45	"	"	"	SCH	"	"	"	
Zinc	1880	2.45	"	"	"	SCH	"	"	"	

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#25

1712205-13 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	56.0	2.47	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 16:04	SW 6010B	DW
Barium	1200	2.47	"	5.0	"	SCH	"	12/21/2017 14:59	"	
Lead	821	12.4	"	"	"	SCH	"	"	"	
Zinc	1200	12.4	"	"	"	SCH	"	"	"	

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#30

1712205-14 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	41.1	2.47	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 16:20	SW 6010B	DW
Barium	870	0.494	"	"	"	SCH	"	"	"	
Lead	476	2.47	"	"	"	SCH	"	"	"	
Zinc	2560	2.47	"	"	"	SCH	"	"	"	

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Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

SP#31

1712205-15 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	64.0	2.46	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 16:26	SW 6010B	DW
Barium	1540	0.493	"	"	"	SCH	"	"	"	
Lead	2570	2.46	"	"	"	SCH	"	"	"	
Zinc	859	2.46	"	"	"	SCH	"	"	"	

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#32

1712205-16 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	102	2.45	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 16:33	SW 6010B	DW
Barium	1120	0.489	"	"	"	SCH	"	"	"	
Lead	1550	2.45	"	"	"	SCH	"	"	"	
Zinc	1860	2.45	"	"	"	SCH	"	"	"	

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#33

1712205-17 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	237	2.43	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 16:47	SW 6010B	DW
Barium	1110	0.487	"	"	"	SCH	"	"	"	
Lead	1340	2.43	"	"	"	SCH	"	"	"	
Zinc	1090	2.43	"	"	"	SCH	"	12/21/2017 12:18	"	

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#34

1712205-18 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	301	2.45	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 16:54	SW 6010B	
Barium	1320	0.491	"	"	"	SCH	"	"	"	
Lead	1110	2.45	"	"	"	SCH	"	"	"	
Zinc	1880	2.45	"	"	"	SCH	"	12/21/2017 12:24	"	

DW

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#35

1712205-19 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	112	2.46	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 17:01	SW 6010B	DW
Barium	1390	0.493	"	"	"	SCH	"	"	"	
Lead	2810	2.46	"	"	"	SCH	"	"	"	
Zinc	3340	2.46	"	"	"	SCH	"	12/21/2017 12:30	"	

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

SP#36

1712205-20 (Soil)

Analyte	Result	MRL	Units	Dil	Batch	Analyst	Date Time Prepared	Date Time Analyzed	Method	Qualifiers
Metals by EPA 6000 Series Methods ICP-AES										
Arsenic	44.4	2.47	mg/kg	1.0	7L18037	SCH	12/18/2017 09:00	12/20/2017 17:08	SW 6010B	DW
Barium	783	0.494	"	"	"	SCH	"	"	"	
Lead	1470	2.47	"	"	"	SCH	"	"	"	
Zinc	18100	12.4	"	5.0	"	SCH	"	12/21/2017 12:51	"	

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
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Batch 7L18037 - EPA 3050B DCN 1017 Rev 8

Blank (7L18037-BLK1)

Arsenic	12/20/17 12:46	ND	2.50	mg/kg							
Barium	12/20/17 12:46	ND	0.500	"							
Lead	12/20/17 12:46	ND	2.50	"							
Zinc	12/20/17 12:46	ND	2.50	"							

LCS (7L18037-BS1)

Arsenic	12/20/17 12:49	9.16	2.50	mg/kg	10.0		91.6	85-115			
Barium	12/20/17 12:49	9.92	0.500	"	10.0		99.2	85-115			
Lead	12/20/17 12:49	9.87	2.50	"	10.0		98.7	85-115			
Zinc	12/20/17 12:49	9.22	2.50	"	10.0		92.2	85-115			

LCS Dup (7L18037-BSD1)

Arsenic	12/20/17 12:53	8.79	2.50	mg/kg	10.0		87.9	85-115	4.20	20	
Barium	12/20/17 12:53	9.71	0.500	"	10.0		97.1	85-115	2.08	20	
Lead	12/20/17 12:53	9.91	2.50	"	10.0		99.1	85-115	0.438	20	
Zinc	12/20/17 12:53	8.86	2.50	"	10.0		88.6	85-115	3.99	20	

Duplicate (7L18037-DUP1)

Source: 1712205-01

Arsenic	12/21/17 16:05	52.6	2.49	mg/kg		74.2			34.0	20	DW, RPD04
Barium	12/20/17 13:09	210	0.498	"		185			13.0	20	DW
Lead	12/20/17 13:09	525	2.49	"		462			12.8	20	DW
Zinc	12/20/17 13:09	119	2.49	"		97.5			20.0	20	DW

Duplicate (7L18037-DUP2)

Source: 1712205-13

Arsenic	12/21/17 15:03	61.2	12.3	mg/kg		56.0			8.77	20	DW
Barium	12/21/17 15:03	1340	2.46	"		1200			11.0	20	DW
Lead	12/21/17 15:03	1150	12.3	"		821			33.7	20	DW, RPD04
Zinc	12/21/17 15:03	1070	12.3	"		1200			11.1	20	DW



6500 Sunplex Drive
 Ocean Springs, MS 39564
 228-875-6420 Phone
 228-875-6423 Fax

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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

Metals by EPA 6000 Series Methods ICP-AES - Quality Control

Analyte	Analyzed	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifiers
Batch 7L18037 - EPA 3050B DCN 1017 Rev 8											
Matrix Spike (7L18037-MS2)			Source: 1712205-13								
Arsenic	12/20/17 16:08	64.5	2.46	mg/kg	9.84	56.0	86.4	75-125			DW
Matrix Spike (7L18037-MS3)			Source: 1712205-01								
Arsenic	12/21/17 15:22	1.89		mg/kg	0.400	1.49	101	75-125			DW

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Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

Certified Analyses Included in this Report

Analyte	Certification Code
<i>SW 6010B in Soil</i>	
Aluminum	C01,C02
Antimony	C01,C02
Arsenic	C01,C02
Barium	C01,C02
Beryllium	C01,C02
Boron	C01,C02
Cadmium	C01,C02
Calcium	C01,C02
Chromium	C01,C02
Cobalt	C01,C02
Copper	C01,C02
Iron	C01,C02
Lead	C01,C02
Magnesium	C01,C02
Manganese	C01,C02
Molybdenum	C01,C02
Nickel	C01,C02
Potassium	C01,C02
Selenium	C01,C02
Silver	C01,C02
Sodium	C01,C02
Strontium	C01,C02
Thallium	C01,C02
Tin	C01,C02
Titanium	C01,C02
Vanadium	C01,C02
Zinc	C01,C02
Phosphorus	C01,C02

****Only compounds included in this list are associated with accredited analyses****

HM Rollins Company
 PO Box 3471
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Project: Hood Packaging @ Valdosta, GA
 Project Number: [none]
 Project Manager: Martin Rollins

Reported:
 12/27/2017 12:51

Laboratory Accreditations/Certifications

Code	Description	Number	Expires
C01	LA Environmental Lab Accreditation Program	01960	06/30/2018
C02	The NELAC Institute (NELAP)	TNI01397	06/30/2018
C03	Ms Dept of Health (Coliform)	MS00021	12/31/2017
C04	Ms Dept of Health (Drinking Water Certificate)	MS00021	12/31/2017
C05	Ms DEQ Lead Firm Certification	PBF-00000028	10/16/2017
C06	MsDEQ Asbestos Inspector : C.D. Bingham	ABI-00001348	03/09/2018
C07	MsDEQ Air Monitor : C.D. Bingham	AM-011572	04/22/2018
C08	MsDEQ Asbestos Inspector: C. W. Meins	ABI-00001821	09/15/2018
C09	MsDEQ Air Monitor : C.W. Meins	AM-011189	04/22/2018
C12	MsDEQ Asbestos Inspector : H.P. Howell	ABI-00001345	03/09/2018
C14	MsDEQ Lead Paint Inspector : C.D. Bingham	PBI-00003690	02/22/2018
C15	MsDEQ Lead Paint Inspector : C.W. Meins	PBI-00001740	02/22/2018

Report Definitions

TNC	Too Numerous To Count
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the minimum reporting limit
NR	Not Reported
RPD	Relative Percent Difference
ICV	Initial Calibration Verification
CCV	Continuing Calibration Verification Standard
SSV	Secondary Source Verification Standard
LCS	Lab Control Spike - Lab matrix prepared with known concentration of analyte/s of interest analyzed by method.
MS	Matrix Spike - Sample prepared with known concentration of analyte/s of interest analyzed by method.
MSD	Matrix Spike Duplicate - Duplicate sample prepared with known concentration of analyte/s of interest analyzed by method.
MRL	Minimum Reporting Limit
%REC	Percentage Recovery of known concentration added to matrix
Batch	Group of samples prepared for analysis not to exceed 20 samples.
Matrix	Material containing analyte/s of interest
Surrogate	Analyte added to sample to determine extraction efficiency of method.



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PO Box 3471
Gulfport MS, 39505

Project: Hood Packaging @ Valdosta, GA
Project Number: [none]
Project Manager: Martin Rollins

Reported:
12/27/2017 12:51

Analyst Initials Key

<u>FullName</u>	<u>Initials</u>
Barbara K. McMillan	BKM
Harry P. Howell	HPH
Michelle M Gallegos	MMG
Sarah E. Tomek	SET
Samantha C. Hall	SCH
Teresa Meins	TKM
Tina Tomek	TPT

1712205

Site:
HOOD PACKAGING CORPORATION
Valdosta, Georgia

Sampler: (Signature)
H.M. Rollins

DATE	TIME	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYZE FOR: (SW-846 OR EQUIVALENT METHODS)				REMARKS (PURGE VOLUME, COLOR, ODOR, etc.)
				Arsenic, Lead, Zinc Barium				
7/31/17	2:50 p.m.	SP #1	1 Gal. Plastic bag	X				
7/31/17	3:28 p.m.	SP #2		X				
7/31/17	3:55 p.m.	SP #3		X				
7/31/17	4:15 p.m.	SP #4		X				
7/31/17	4:40 p.m.	SP #5		X				
8/1/17	9:11 a.m.	SP #6		X				
8/1/17	9:27 a.m.	SP #7		X				
8/1/17	10:55 a.m.	SP #12		X				
8/1/17	11:18 a.m.	SP #13		X				
8/1/17	1:42 p.m.	SP #18		X				
8/1/17	1:58 p.m.	SP #19		X				

ADDITIONAL REMARKS OR INSTRUCTIONS: *To H.M. Rollins Co., Inc. Offices*

RELINQUISHED BY: TIME/DATE: <i>12/6/17</i>	RECEIVED BY: TIME/DATE: <i>12/8/17</i>	RECEIVED BY: TIME/DATE: <i>12/8/17</i>	LABORATORY: LAB COMMENTS:
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	
1000	1000	1050	

1712205

Site:
HOOD PACKAGING CORPORATION
Valdosta, Georgia

Samplers: (Signature)
Kevin Rollins

DATE	TIME	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	ANALYZE FOR: (SW-846 OR EQUIVALENT METHODS)		REMARKS (PURGE VOLUME, COLOR, ODOR, etc.)
				Arsenic, Lead, Zinc Barium		
8/1/17	3:08 p.m.	SP # 24	1 Gal. Plastic Bag	X		
8/1/17	3:26 p.m.	SP # 25		X		
8/2/17	9:13 a.m.	SP # 30		X		
8/2/17	9:22 a.m.	SP # 31		X		
8/2/17	9:47 a.m.	SP # 32		X		
8/2/17	10:00 a.m.	SP # 33		X		
8/2/17	10:15 a.m.	SP # 34		X		
8/2/17	10:31 a.m.	SP # 35		X		
8/2/17	10:51 a.m.	SP # 36		X		

ADDITIONAL REMARKS OR INSTRUCTIONS:
 To H.M. Rollins Co, Inc Offices

RELINQUISHED BY: TIME/DATE: <i>[Signature]</i> 12/6/17 1000	RELINQUISHED BY: TIME/DATE: <i>[Signature]</i> 12/6/17 1050	LABORATORY:
RECEIVED BY: TIME/DATE: <i>[Signature]</i> 12/8/17 1000	RECEIVED BY: TIME/DATE: <i>[Signature]</i> 12/8/17 1050	LAB COMMENTS:

Issue Date: 7/18/11	Micro-Methods Laboratory Log-In Checklist	DCN: F207
Implementation Date: 7/18/11		Date Revised: 7-18-11
		Revision: 4

Client Hood WO 1712205 Shipped By TD
 Date/Time Received 12/08/17 1050 Unpacked/Checked By ST

Cooler ID	Ice Present Yes/No	Temperature	Thermometer ID	Custody Sealed Yes/No	Custody Seal Intact Yes/No
<u>none</u>	<u>NO</u>	<u>16.6c</u>	<u>T#3</u>	<u>n/a</u>	<u>n/a</u>

If not iced, were samples received within one hour of collection? Yes ___ No ___ N/A
 Temperature Blank Used Yes ___ No If not, temperature taken from cooler ___ or bottle
 Multi Cooler shipment: ID of samples in coolers that exceed 6°C _____

Custody Seals on Bottles Present Yes ___ No
 Containers Intact Yes No ___
 Proper Containers for Requested Analysis Yes No ___

Correct Preservation Used for All Samples Yes No ___
 Adequate Sample for Analysis Requested Yes No ___

Volatile Vials Headspace Greater than 6mm in Diameter Yes ___ No ___ N/A

Chain of Custody Form Included Yes No ___
 Chain of Custody Form Complete Yes No ___
 Chain of Custody Form Properly Relinquished Yes No ___
 Field Sheets/Special Instructions Included Yes ___ No ___ N/A
 Samples Missing on COC or From Cooler Yes ___ No
 Sample Container Labels Match COC Yes No ___

Samples Received Within Holding Time Yes No ___
 Dept. Manager Notified of Rush/Short Holding Times Yes ___ No ___ N/A

Does work order meet Micro Methods sample acceptance criteria Yes No ___
 Note: Samples that do not meet acceptance criteria must be documented in the Sample Rejection Log.

Client Contacted _____ Contacted By _____ Date/Time _____
 Client Instructions: Cancel Work Order ___
 Proceed with Work Order ___ (Data will be qualified)

Comments: _____

Controlled Document